

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109927.D
 Acq On : 17 Oct 2018 18:33
 Operator : JU/SJ
 Sample : PB113915BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 10:40:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	263413	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1093453	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	520885	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	950038	20.00	ng	0.00
76) Chrysene-d12	14.16	240	567770	20.00	ng	0.00
87) Perylene-d12	15.67	264	537675	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	939822	56.56	ng	0.00
7) Phenol-d6	6.59	99	1148287	55.65	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1010619	62.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	275436	61.08	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1953566	59.84	ng	0.00
79) Terphenyl-d14	13.09	244	1605461	59.38	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.92	88	186042	19.711	ng	91
3) Pyridine	3.67	79	524403	24.921	ng	90
4) n-Nitrosodimethylamine	3.63	42	246410	28.707	ng	# 99
6) Aniline	6.63	93	492737	17.719	ng	# 53
8) 2-Chlorophenol	6.76	128	526311	28.275	ng	97
9) Benzaldehyde	6.53	77	221663	16.530	ng	94
10) Phenol	6.60	94	615470	27.626	ng	# 62
11) bis(2-Chloroethyl)ether	6.70	93	500413	26.864	ng	92
12) 1,3-Dichlorobenzene	6.92	146	554913	27.187	ng	98
13) 1,4-Dichlorobenzene	6.99	146	559906	27.238	ng	99
14) 1,2-Dichlorobenzene	7.15	146	525114	27.741	ng	99
15) Benzyl Alcohol	7.11	79	450690	28.390	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.25	45	833028	27.246	ng	68
17) 2-Methylphenol	7.22	107	425602	28.354	ng	# 81
18) Hexachloroethane	7.49	117	208802	28.743	ng	90
19) n-Nitroso-di-n-propylamine	7.38	70	354236	26.737	ng	97
20) 3+4-Methylphenols	7.37	107	542269	28.469	ng	94
22) Acetophenone	7.38	105	715370	28.211	ng	# 98
24) Nitrobenzene	7.56	77	518722	29.417	ng	93
25) Isophorone	7.79	82	977627	30.652	ng	95
26) 2-Nitrophenol	7.87	139	244465	33.437	ng	89
27) 2,4-Dimethylphenol	7.90	122	483469	31.471	ng	96
28) bis(2-Chloroethoxy)methane	8.00	93	637197	29.111	ng	99
29) 2,4-Dichlorophenol	8.11	162	430293	28.873	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	461239	27.641	ng	97
31) Naphthalene	8.28	128	1491879	29.753	ng	99
32) Benzoic acid	7.95	122	59124	6.177	ng	97
33) 4-Chloroaniline	8.32	127	297182	13.185	ng	99
34) Hexachlorobutadiene	8.39	225	254206	27.627	ng	98
35) Caprolactam	8.71	113	45428	8.583	ng	93
36) 4-Chloro-3-methylphenol	8.80	107	452214	28.764	ng	96
37) 2-Methylnaphthalene	8.97	142	1030712	31.745	ng	98
38) 1-Methylnaphthalene	9.07	142	970800	30.856	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	431911	26.921	ng	98

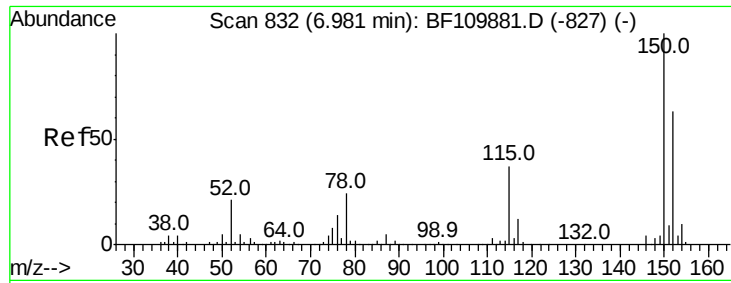
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
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 QLast Update : Tue Oct 16 14:58:24 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	511052	65.996	nq	97
43) 2,4,6-Trichlorophenol	9.25	196	286869	28.595	nq	97
44) 2,4,5-Trichlorophenol	9.29	196	309290	29.705	nq	95
46) 1,1'-Biphenyl	9.44	154	1246082	26.850	nq	99
47) 2-Chloronaphthalene	9.46	162	935811	27.375	nq	99
48) 2-Nitroaniline	9.56	65	270589	30.844	nq	96
49) Acenaphthylene	9.88	152	1479302	29.788	nq	98
50) Dimethylphthalate	9.73	163	1069819	29.005	nq	100
51) 2,6-Dinitrotoluene	9.80	165	227379	32.458	nq	91
52) Acenaphthene	10.06	154	910535	28.799	nq	98
53) 3-Nitroaniline	9.96	138	162275	19.043	nq	97
54) 2,4-Dinitrophenol	10.07	184	65312	34.916	nq	93
55) Dibenzofuran	10.23	168	1287491	28.554	nq	94
56) 4-Nitrophenol	10.12	139	360943	55.511	nq	95
57) 2,4-Dinitrotoluene	10.20	165	285941	33.810	nq	96
58) Fluorene	10.57	166	992550	30.239	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	244566	29.638	nq	96
60) Diethylphthalate	10.43	149	1050208	28.829	nq	99
61) 4-Chlorophenyl-phenylether	10.56	204	476973	27.897	nq	98
62) 4-Nitroaniline	10.58	138	237448	29.436	nq	92
63) Azobenzene	10.72	77	1049636	27.581	nq	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	67693	24.334	nq	90
66) n-Nitrosodiphenylamine	10.67	169	888004	28.064	nq	97
67) 4-Bromophenyl-phenylether	11.05	248	294397	28.594	nq	96
68) Hexachlorobenzene	11.12	284	310652	28.294	nq	95
69) Atrazine	11.20	200	292205	29.564	nq	99
70) Pentachlorophenol	11.31	266	238794	38.217	nq	97
71) Phenanthrene	11.53	178	1452641	29.535	nq	99
72) Anthracene	11.59	178	1493279	30.199	nq	99
73) Carbazole	11.74	167	1257729	25.881	nq	99
74) Di-n-butylphthalate	12.06	149	1553892	28.651	nq	99
75) Fluoranthene	12.73	202	1388091	28.251	nq	100
77) Benzidine	12.84	184	555244	25.506	nq	98
78) Pyrene	12.96	202	1360399	32.623	nq	99
80) Butylbenzylphthalate	13.56	149	534973	31.732	nq	99
81) Benzo(a)anthracene	14.14	228	996669	29.802	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	161010	13.733	nq	98
83) Chrysene	14.18	228	898792	28.235	nq	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	680113	30.658	nq	96
85) Di-n-octyl phthalate	14.74	149	1025193	32.779	nq	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	1145394	44.689	nq	# 94
88) Benzo(b)fluoranthene	15.26	252	798874	25.772	nq	99
89) Benzo(k)fluoranthene	15.26	252	798874	26.147	nq	98
90) Benzo(a)pyrene	15.61	252	848762	29.771	nq	# 97
91) Dibenzo(a,h)anthracene	17.26	278	944612	37.387	nq	97
92) Benzo(g,h,i)perylene	17.72	276	986017	38.625	nq	# 95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

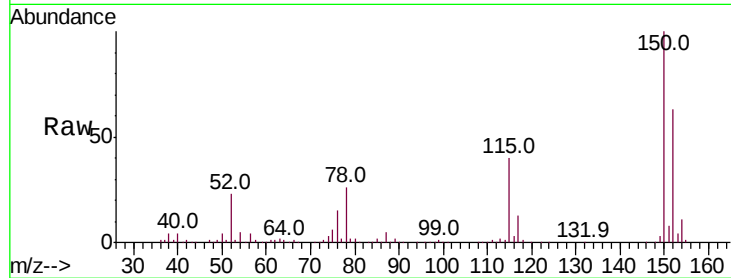


#1

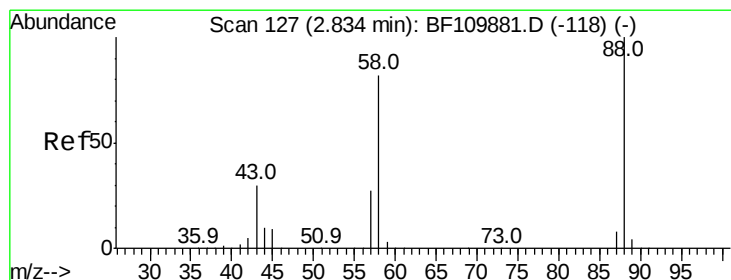
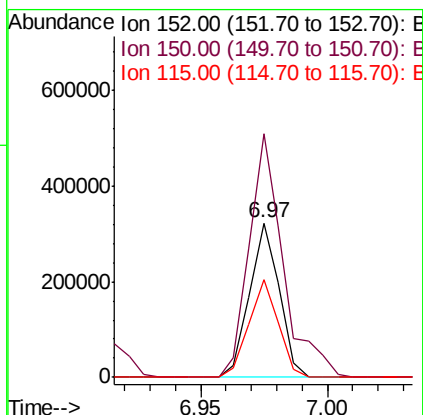
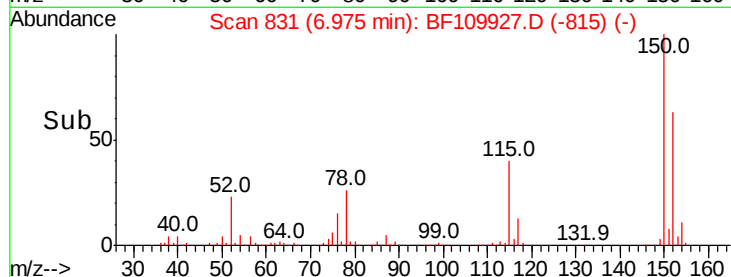
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 263413
Ion Ratio Lower Upper
152 100
150 157.8 122.7 184.1
115 63.6 49.1 73.7



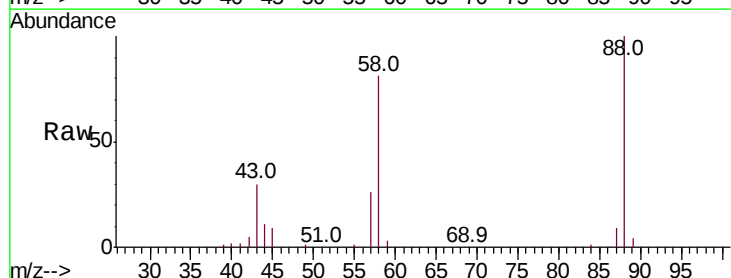
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



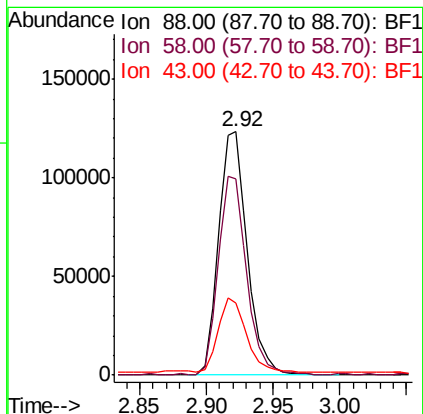
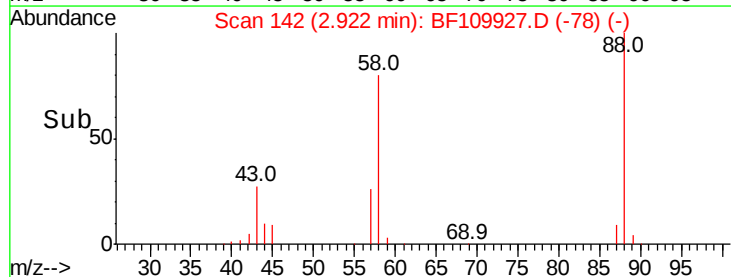
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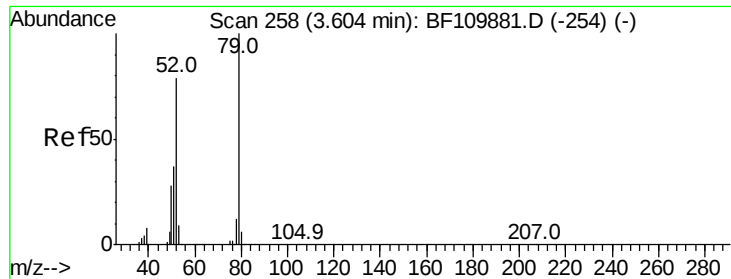
1,4-Dioxane
Concen: 19.711 ng
RT: 2.92 min Scan# 142
Delta R.T. 0.08 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion: 88 Resp: 186042
Ion Ratio Lower Upper
88 100
58 81.7 57.1 85.7
43 30.4 24.1 36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 24.921 ng

RT: 3.67 min Scan# 269

Delta R.T. 0.05 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

ClientSampleId :

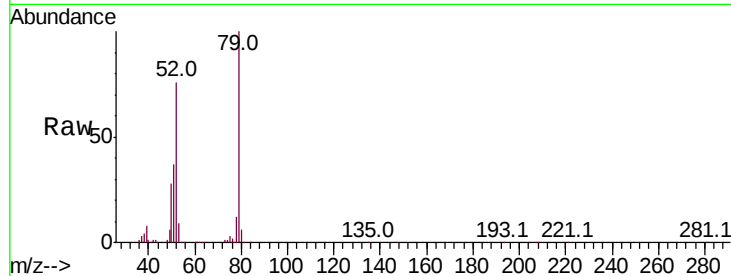
Tot Ion: 79 Resp: 524403

Ion Ratio Lower Upper

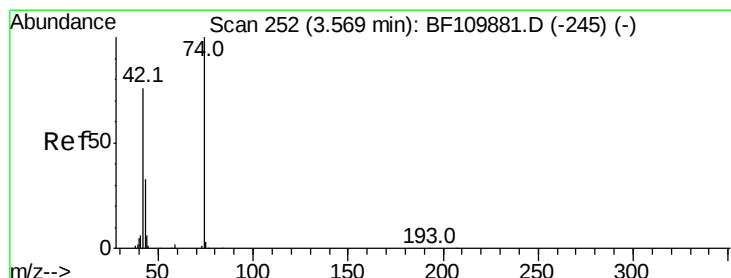
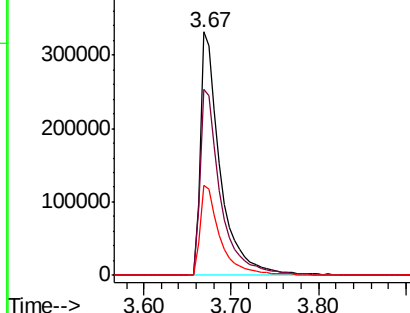
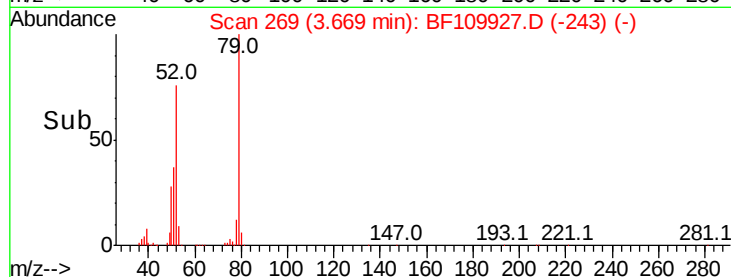
79 100

52 76.3 53.1 79.7

51 37.2 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 28.707 ng

RT: 3.63 min Scan# 262

Delta R.T. 0.05 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

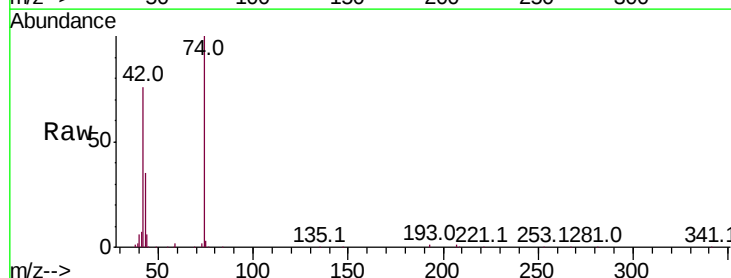
Tgt Ion: 42 Resp: 246410

Ion Ratio Lower Upper

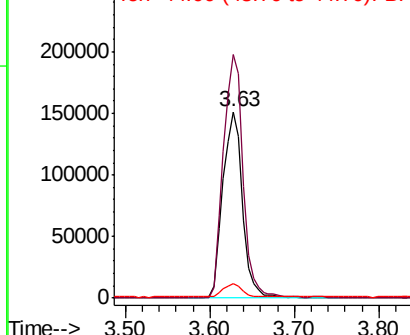
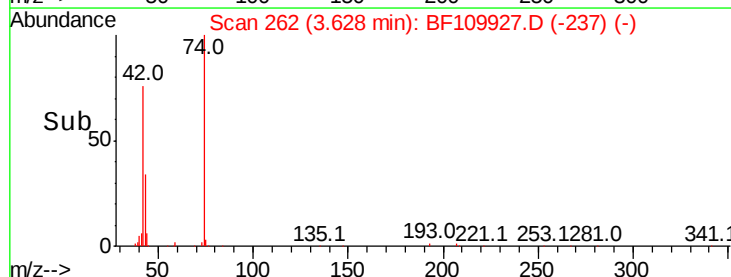
42 100

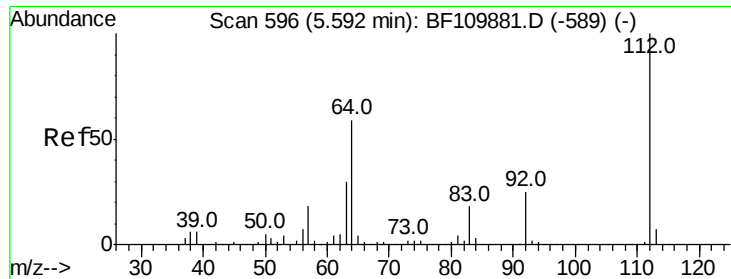
74 130.8 105.5 158.3

44 8.0 4.9 7.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

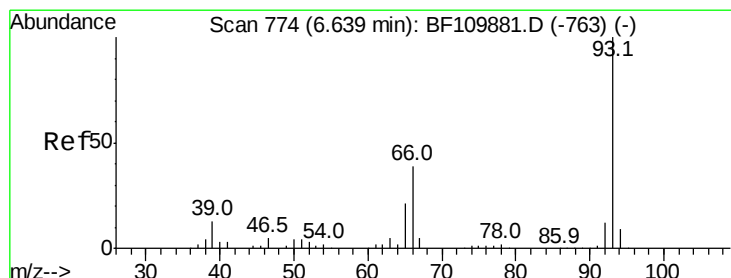
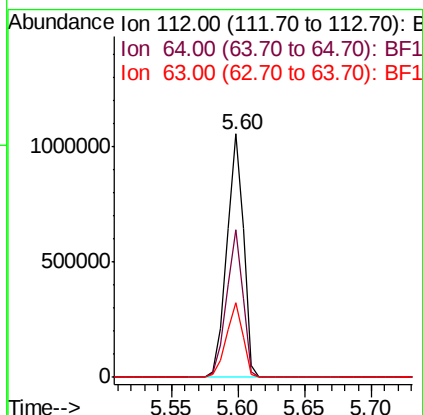
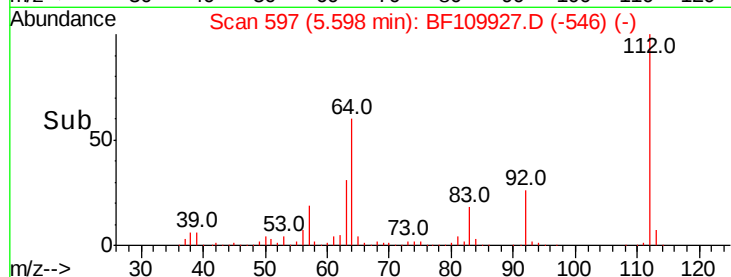
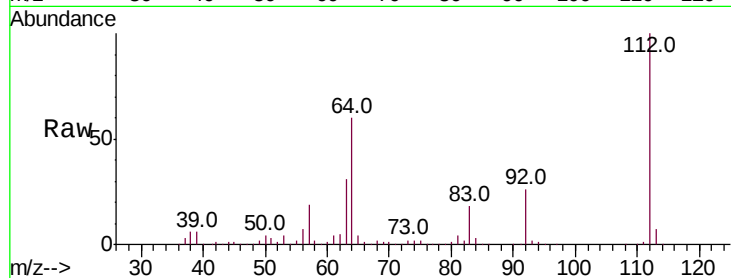




#5
 2-Fluorophenol
 Concen: 56.555 ng
 RT: 5.60 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

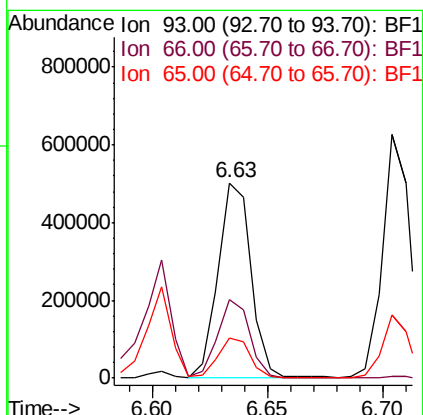
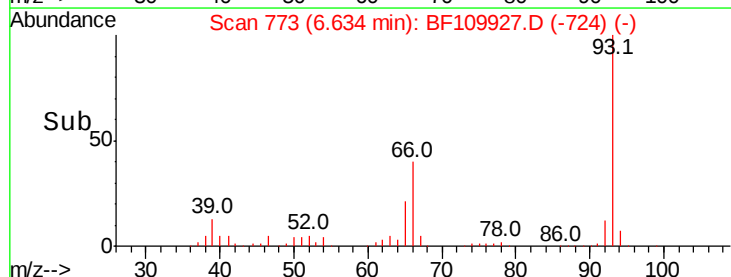
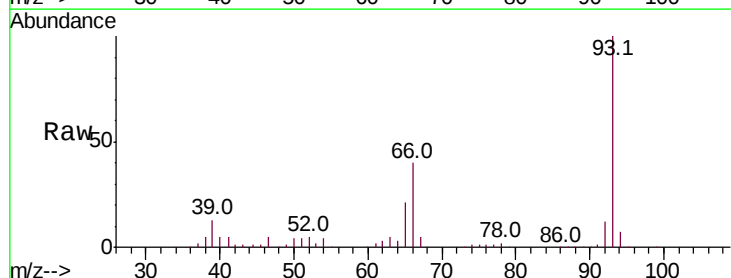
Instrument :
 BNA_F
 ClientSampled :

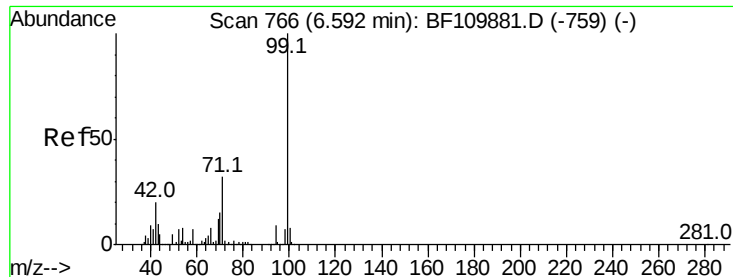
Tot Ion:112 Resp: 939822
 Ion Ratio Lower Upper
 112 100
 64 60.4 44.1 66.1
 63 30.8 23.7 35.5



#6
 Aniline
 Concen: 17.719 ng
 RT: 6.63 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Tgt Ion: 93 Resp: 492737
 Ion Ratio Lower Upper
 93 100
 66 40.3 67.4 101.0#
 65 20.8 41.0 61.4#





#7

Phenol-d6

Concen: 55.648 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

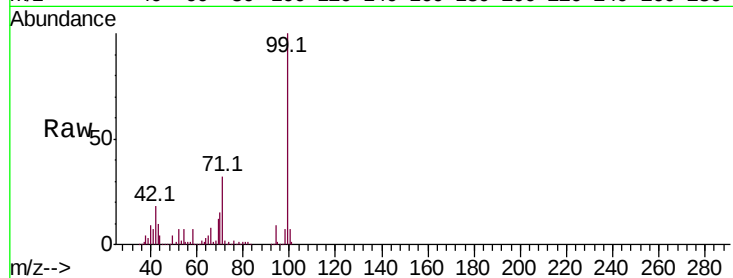
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1148287

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.8	23.6
71	31.7	28.0	42.0

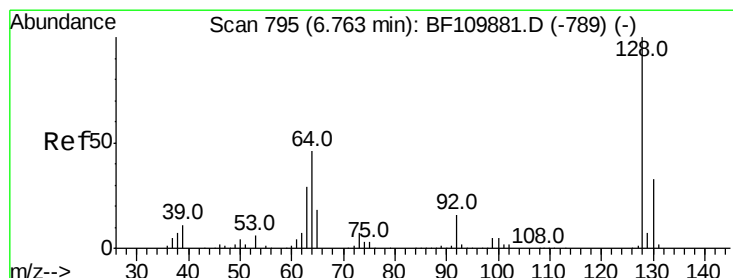
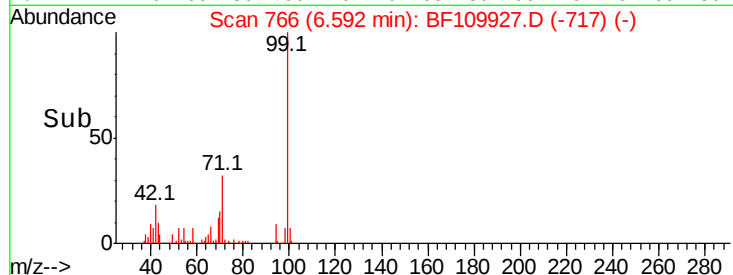
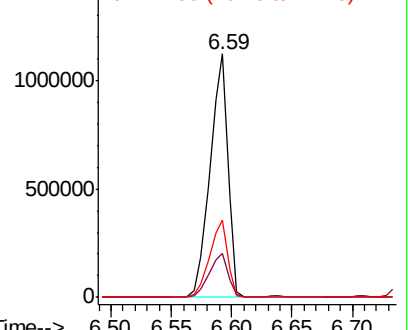


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 28.275 ng

RT: 6.76 min Scan# 794

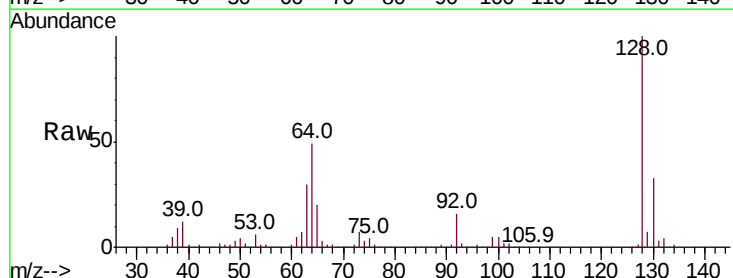
Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Tgt Ion: 128 Resp: 526311

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.1	53.1
64	49.5	26.0	66.0

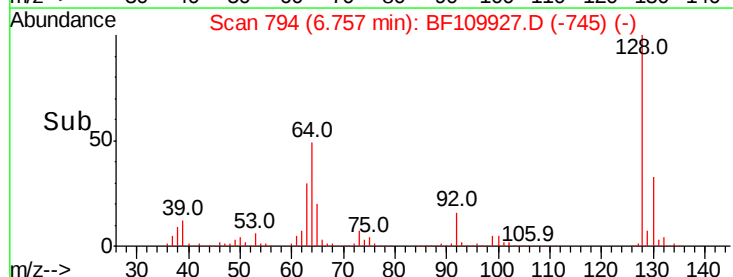
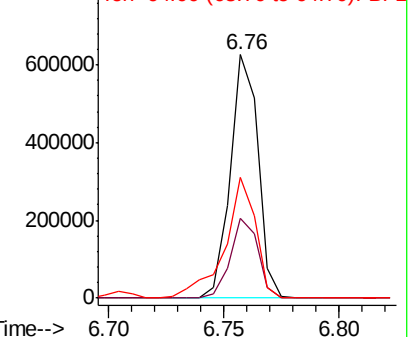


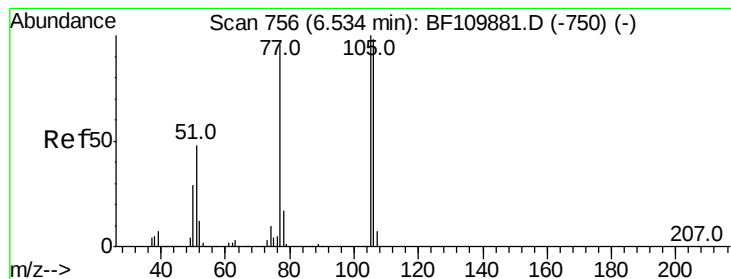
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.530 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

ClientSampleId :

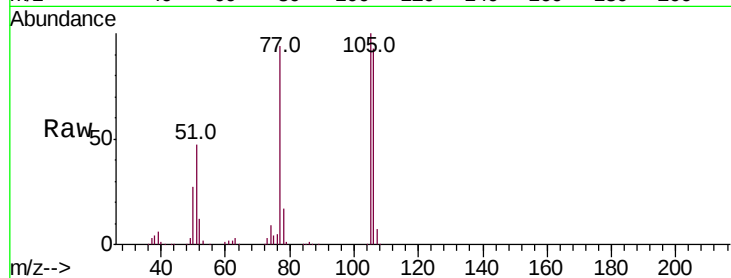
Tot Ion: 77 Resp: 221663

Ion Ratio Lower Upper

77 100

105 106.6 78.6 118.6

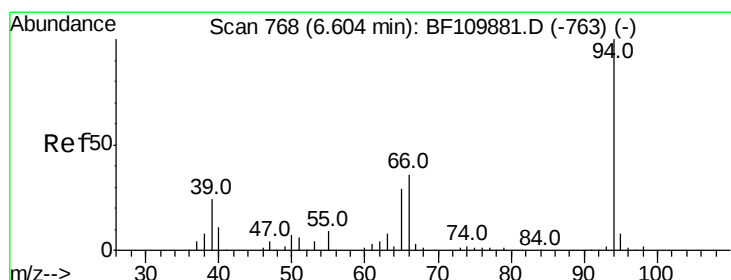
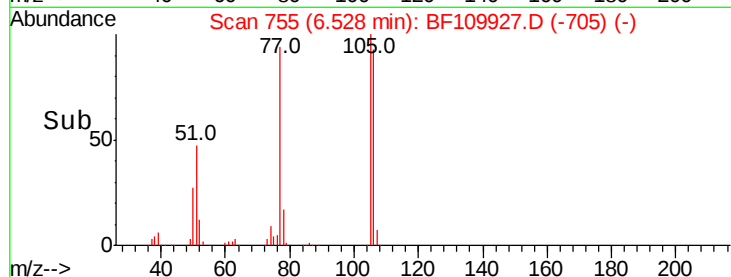
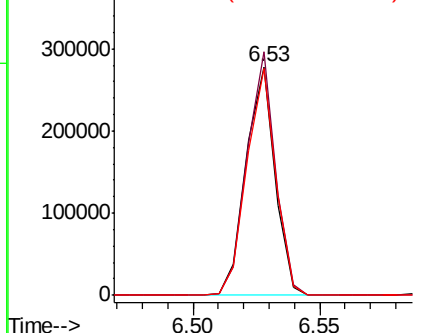
106 99.2 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 27.626 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

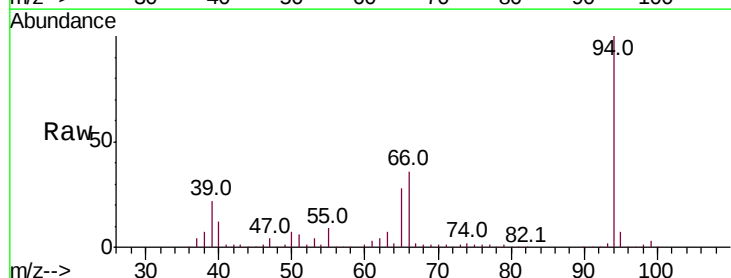
Tgt Ion: 94 Resp: 615470

Ion Ratio Lower Upper

94 100

65 27.9 25.3 65.3

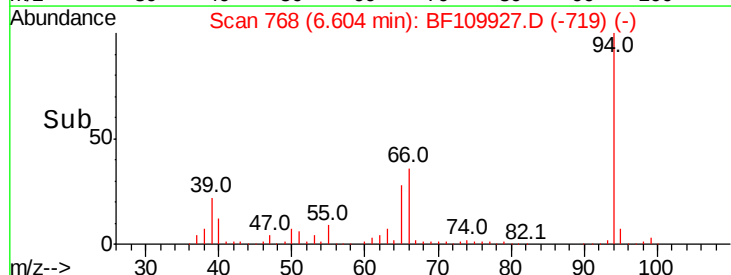
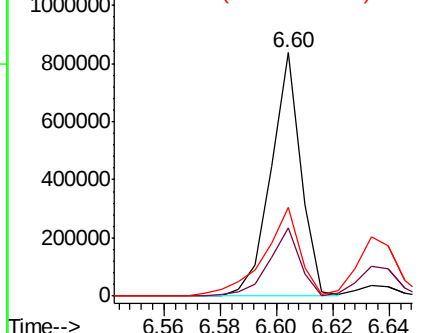
66 36.3 54.5 94.5#

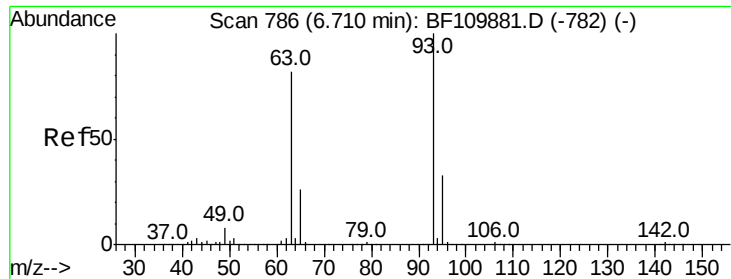


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

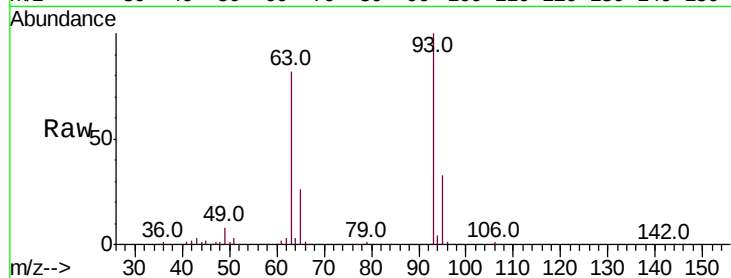




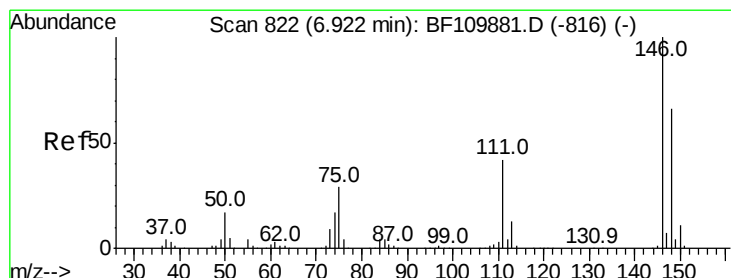
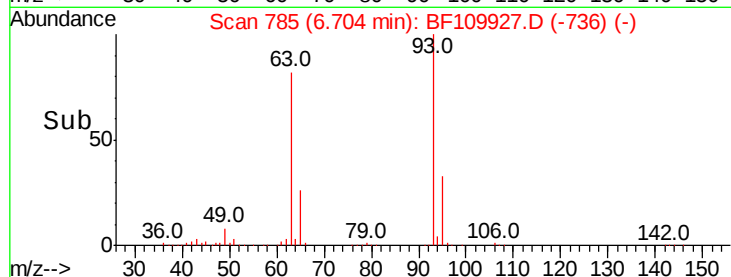
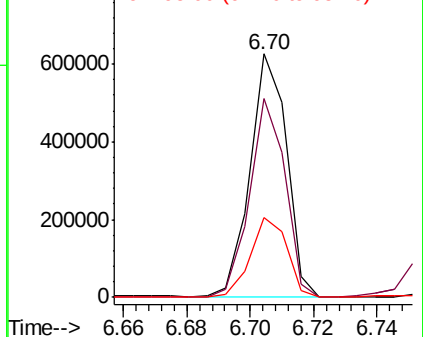
#11
bis(2-Chloroethyl)ether
Concen: 26.864 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 500413
Ion Ratio Lower Upper
93 100
63 81.9 53.4 93.4
95 33.0 12.1 52.1

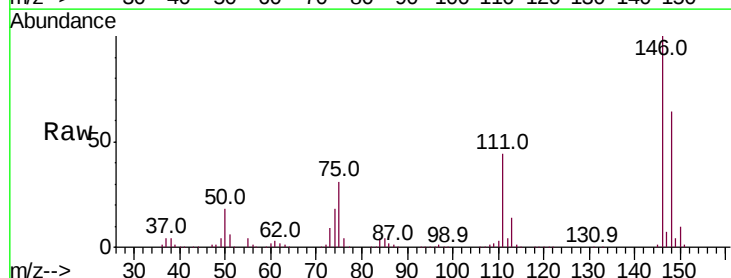


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

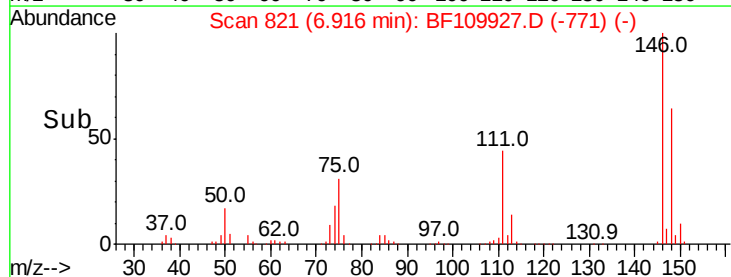
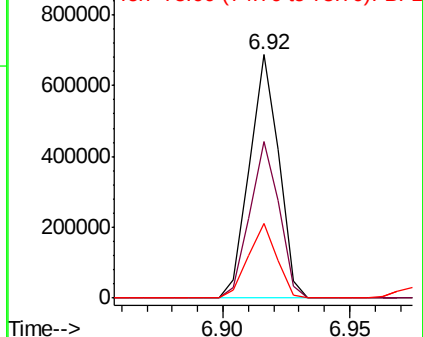


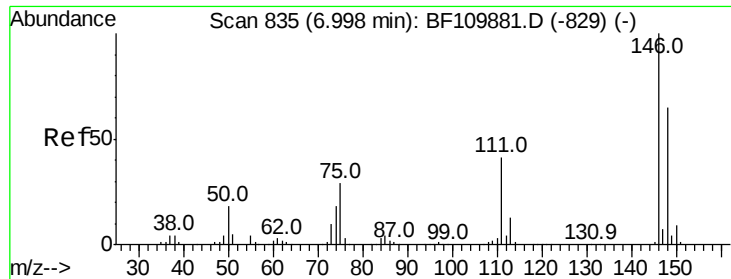
#12
1,3-Dichlorobenzene
Concen: 27.187 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion: 146 Resp: 554913
Ion Ratio Lower Upper
146 100
148 64.4 50.4 75.6
75 30.6 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

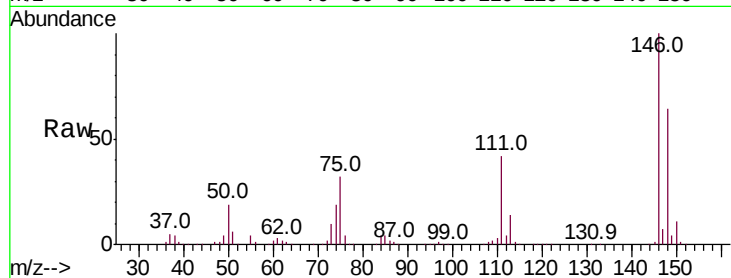




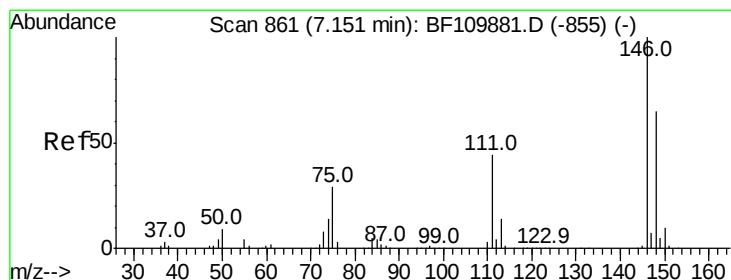
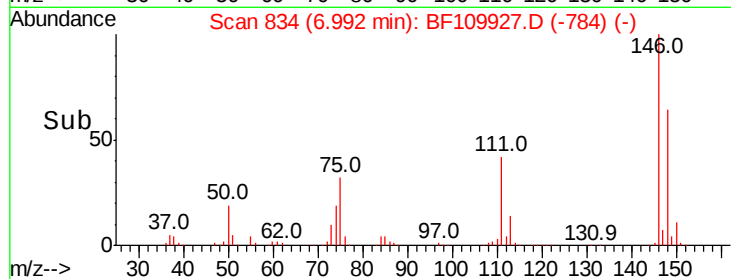
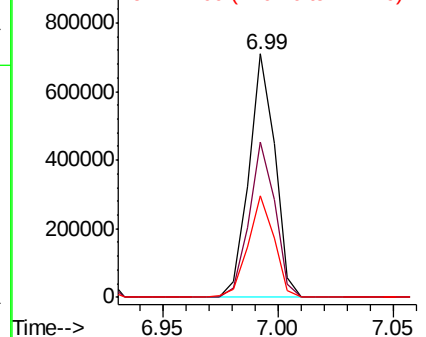
#13
 1,4-Dichlorobenzene
 Concen: 27.238 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
111	41.8	32.7	49.1

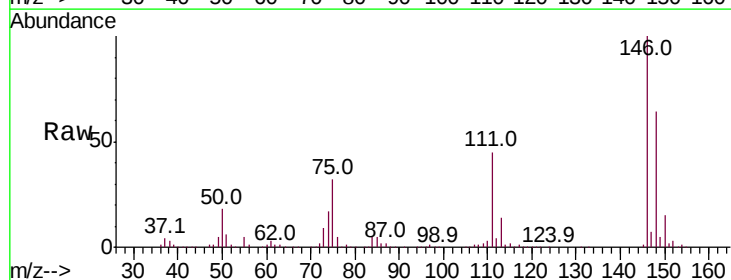


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

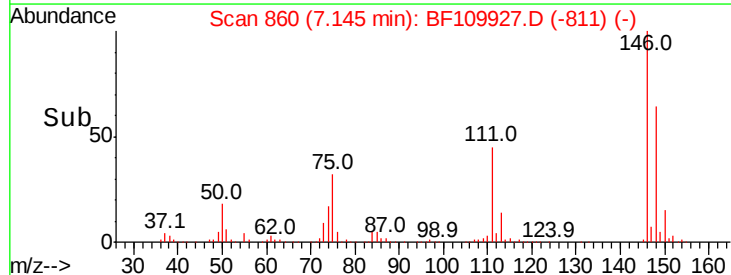
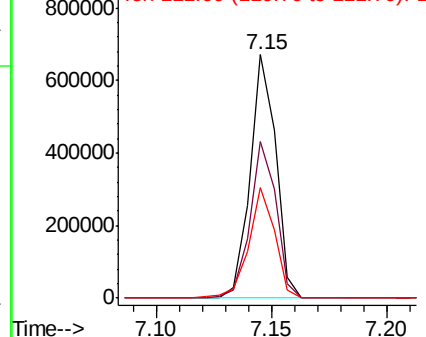


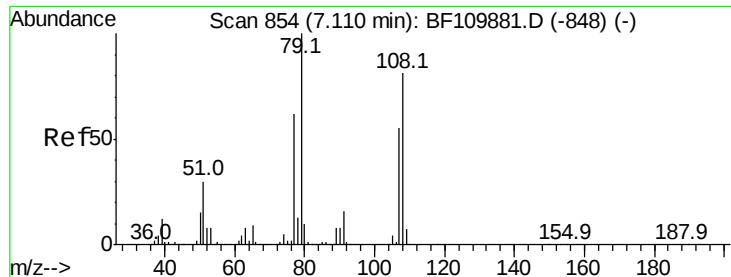
#14
 1,2-Dichlorobenzene
 Concen: 27.741 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	45.4	35.8	53.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 28.390 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

ClientSampleId :

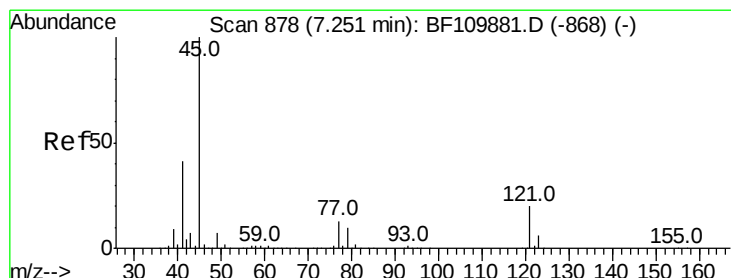
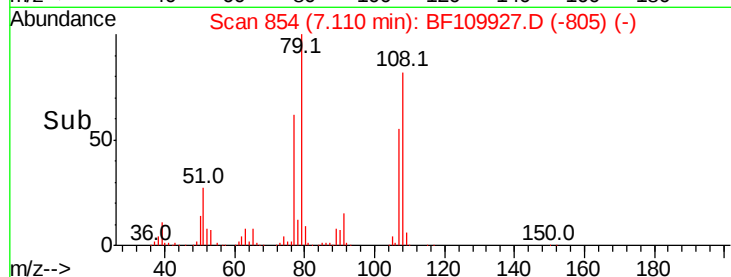
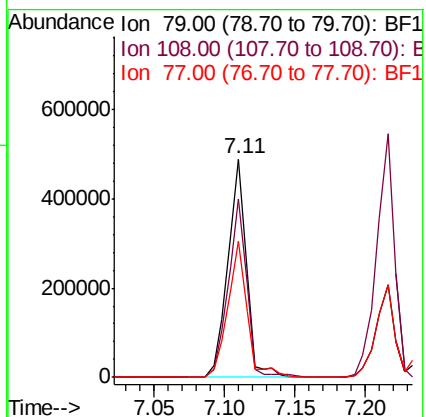
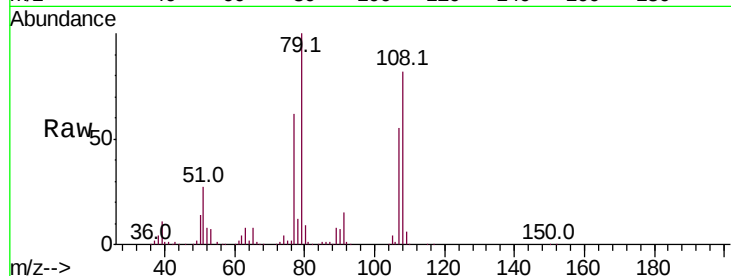
Tot Ion: 79 Resp: 450690

Ion Ratio Lower Upper

79 100

108 81.6 56.3 84.5

77 62.1 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.246 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

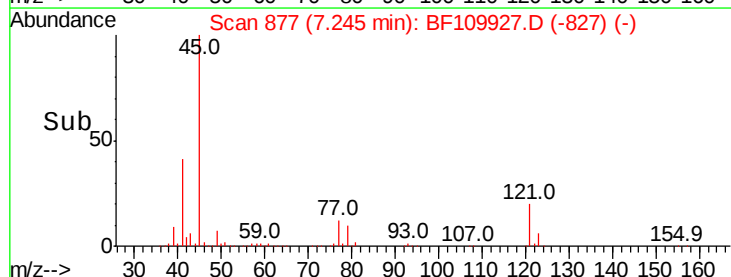
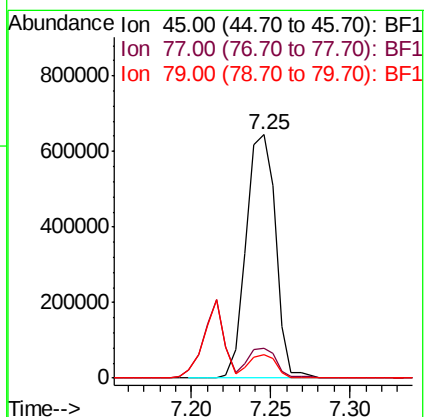
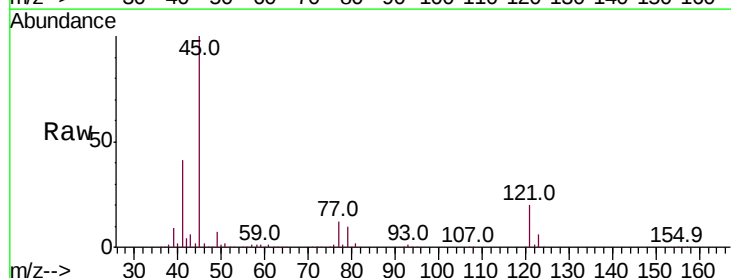
Tgt Ion: 45 Resp: 833028

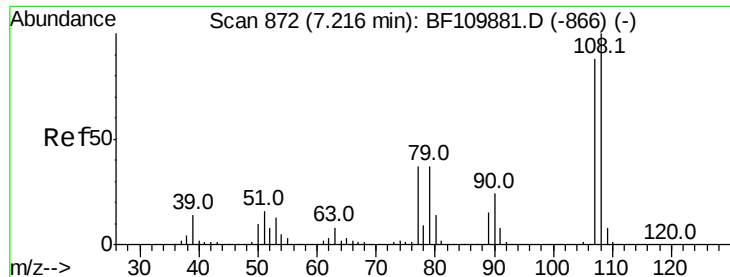
Ion Ratio Lower Upper

45 100

77 12.4 10.0 50.0

79 9.6 6.1 46.1

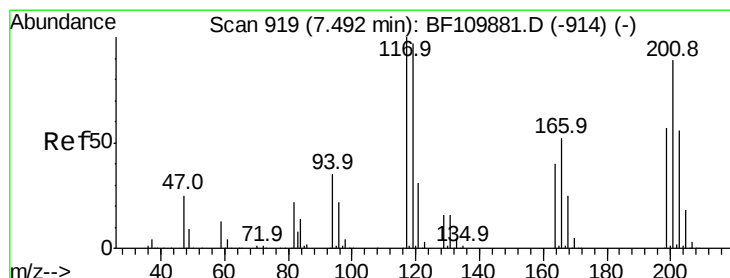
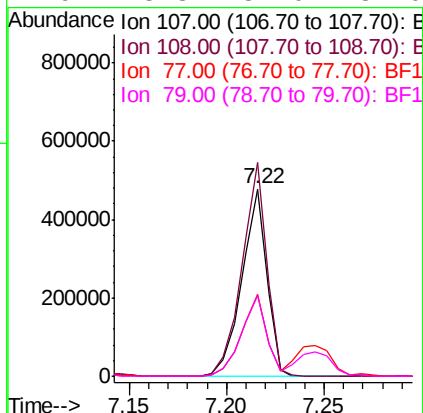
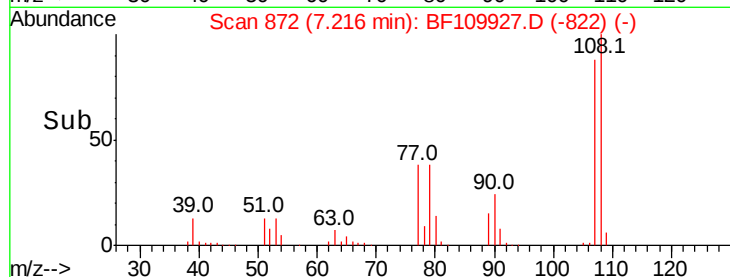
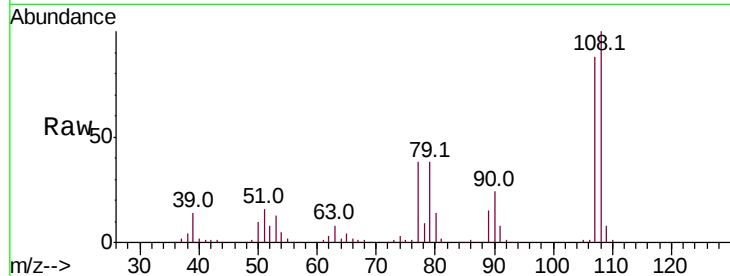




#17
2-Methylphenol
Concen: 28.354 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

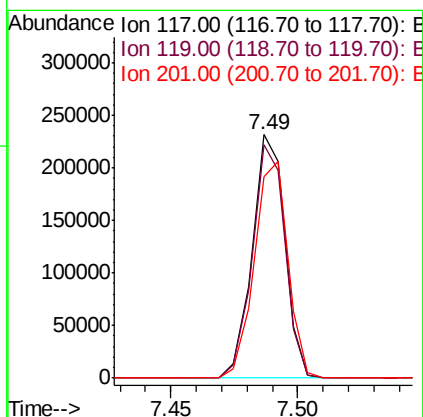
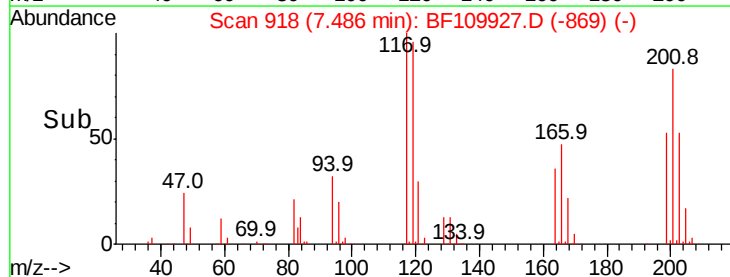
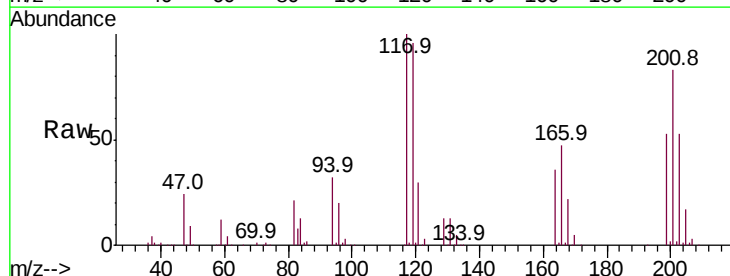
Instrument :
BNA_F
ClientSampleId :

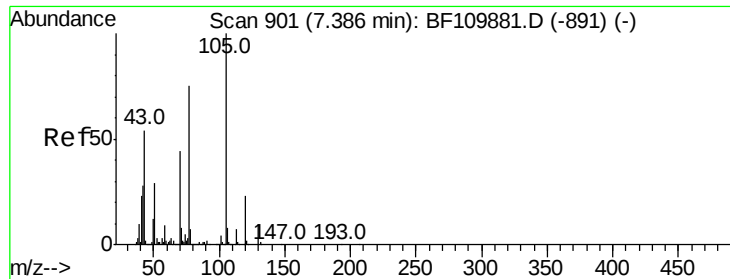
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.2	92.6	138.8
77	43.5	59.4	89.2#
79	43.3	54.0	81.0#



#18
Hexachloroethane
Concen: 28.743 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.0	112.6
201	82.5	79.2	118.8

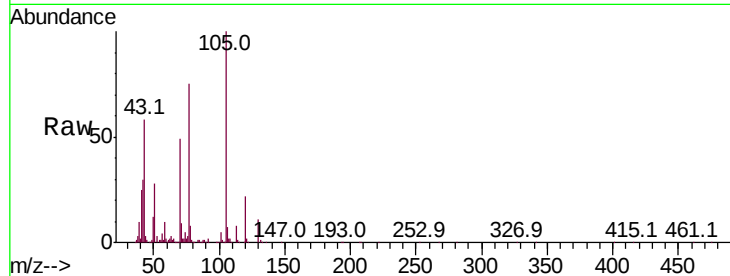




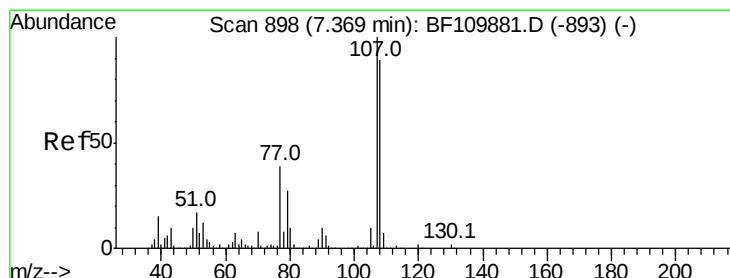
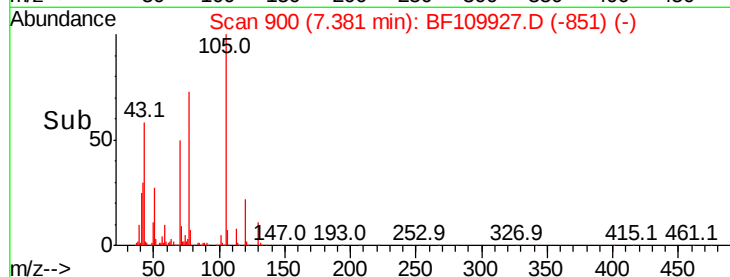
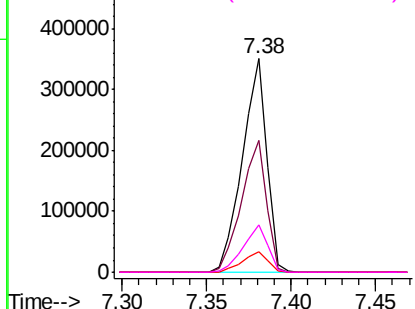
#19
n-Nitroso-di-n-propylamine
Concen: 26.737 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	354236
Ion	Ratio	Lower	Upper
70	100		
42	61.5	47.4	71.2
101	9.9	7.3	10.9
130	22.2	16.2	24.2

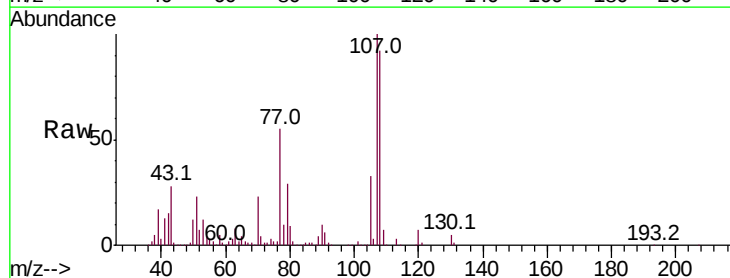


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

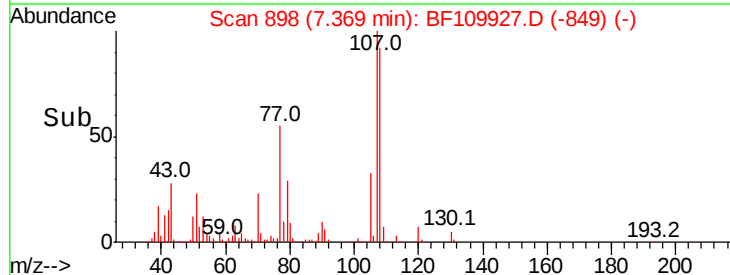
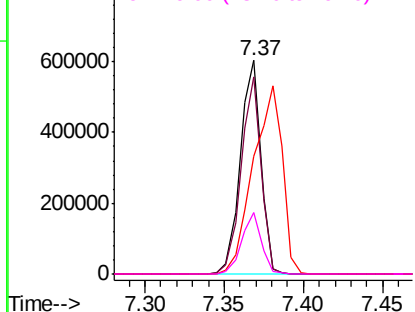


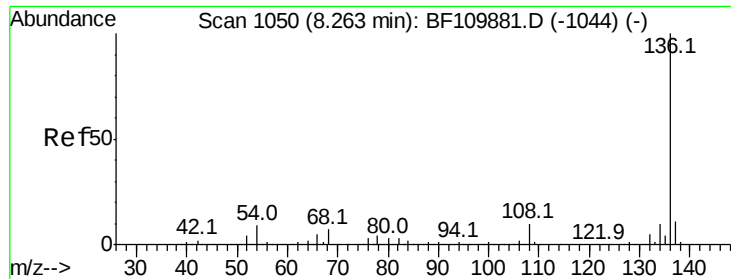
#20
3+4-Methylphenols
Concen: 28.469 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion:	107	Resp:	542269
Ion	Ratio	Lower	Upper
107	100		
108	92.1	71.4	111.4
77	55.2	47.3	87.3
79	28.5	10.9	50.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

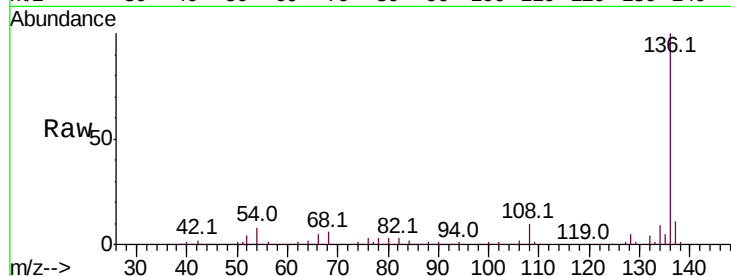




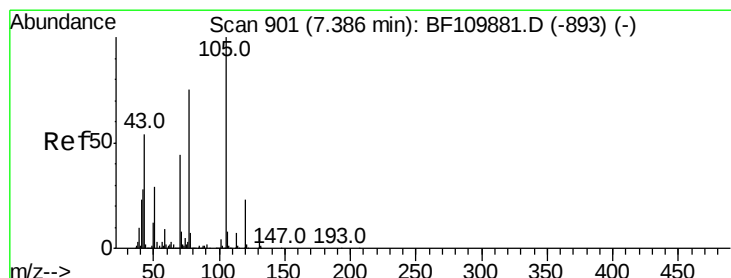
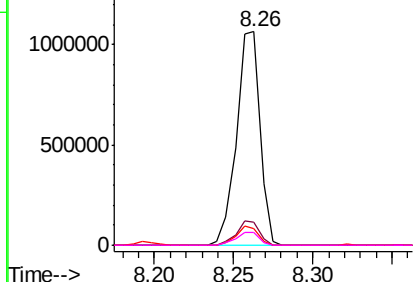
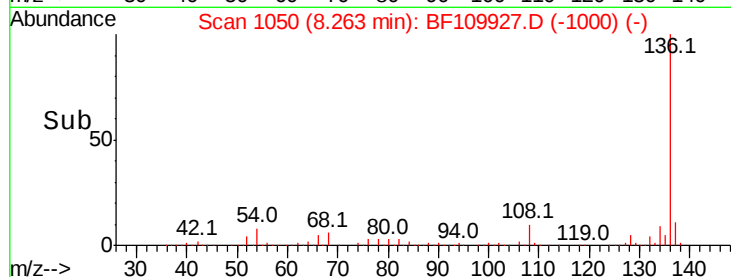
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1093453
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.6 5.4 8.2
68 5.7 4.2 6.2

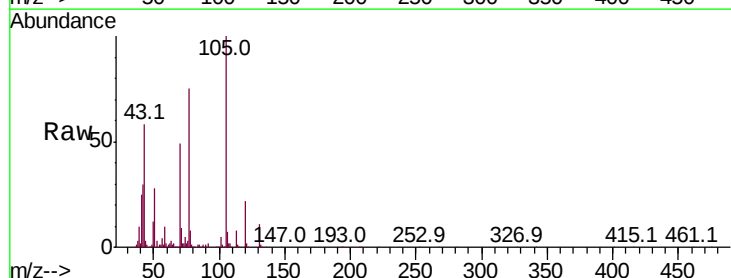


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

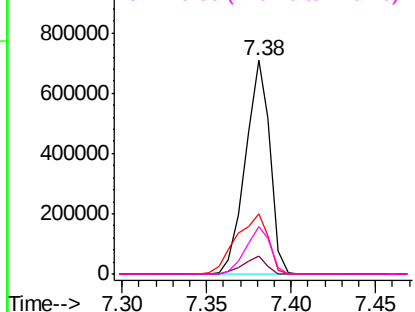
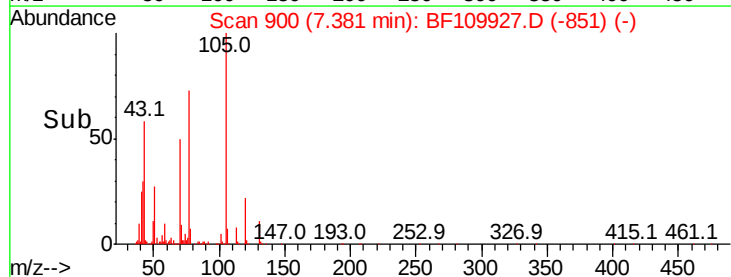


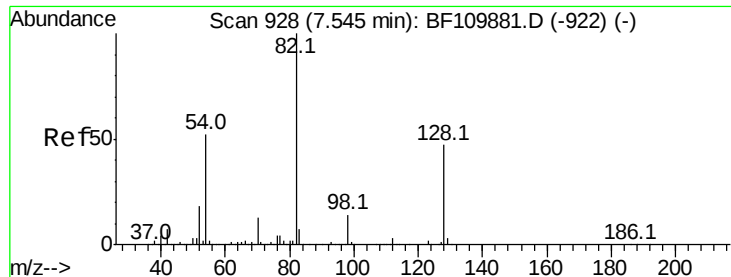
#22
Acetophenone
Concen: 28.211 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion:105 Resp: 715370
Ion Ratio Lower Upper
105 100
71 8.5 5.2 7.8#
51 28.0 21.8 32.8
120 22.4 17.0 25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E



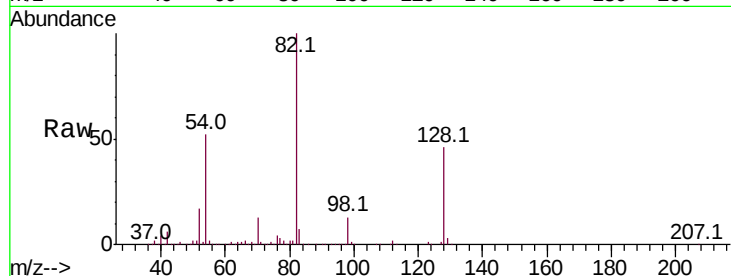


#23
 Nitrobenzene-d5
 Concen: 62.261 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

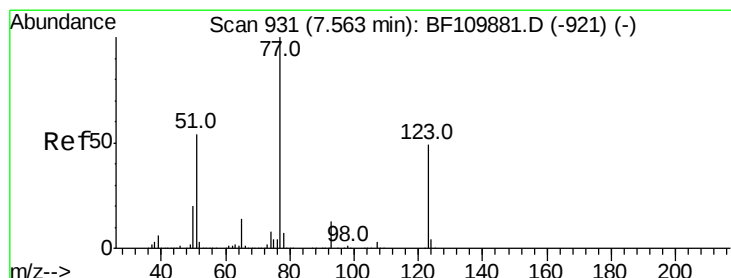
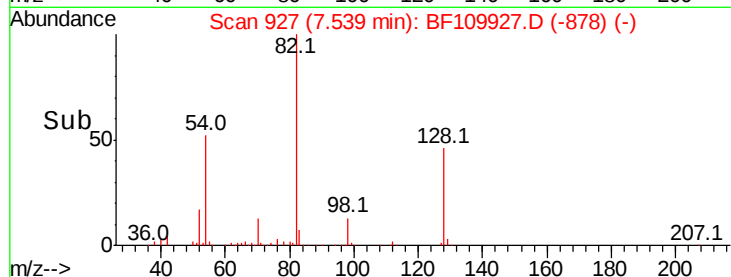
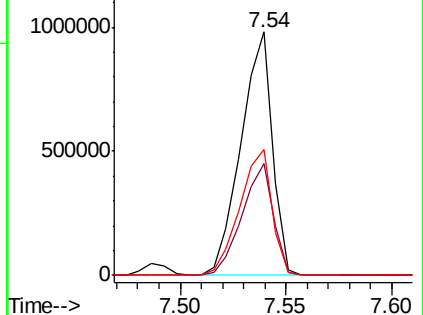
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1010619

Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.2	51.2
54	51.6	38.6	58.0



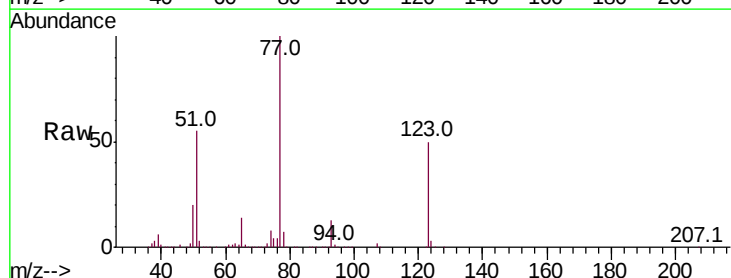
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



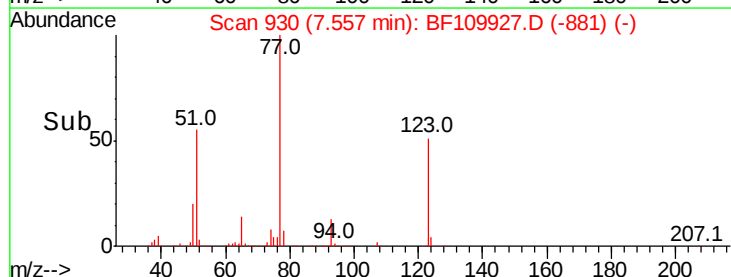
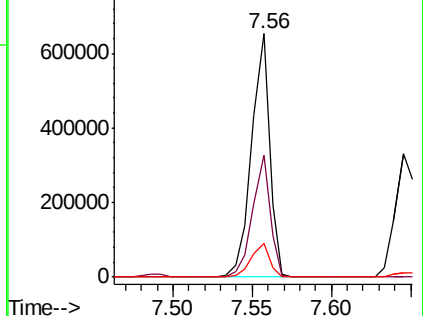
#24
 Nitrobenzene
 Concen: 29.417 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

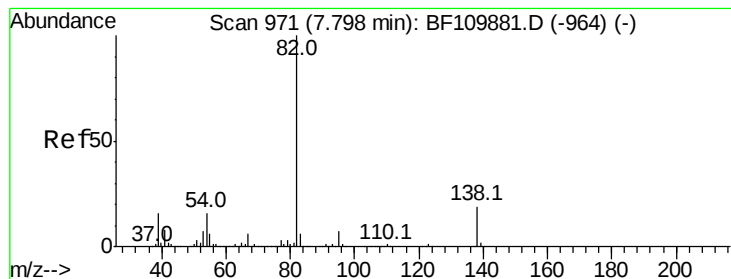
Tgt Ion: 77 Resp: 518722

Ion	Ratio	Lower	Upper
77	100		
123	50.3	35.7	53.5
65	13.8	10.7	16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 30.652 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

ClientSampleId :

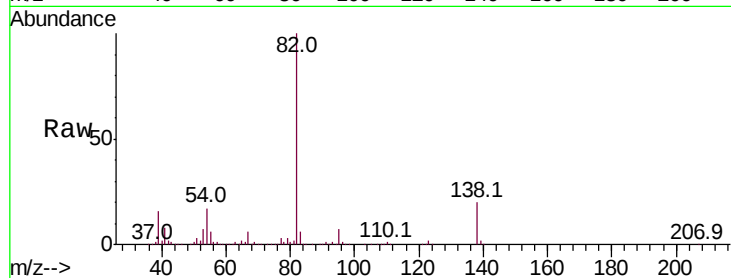
Tot Ion: 82 Resp: 977627

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

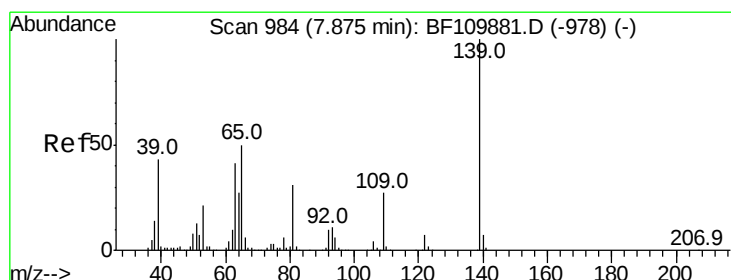
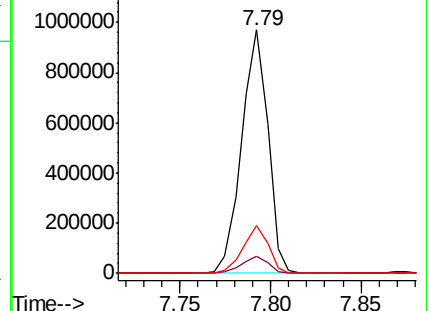
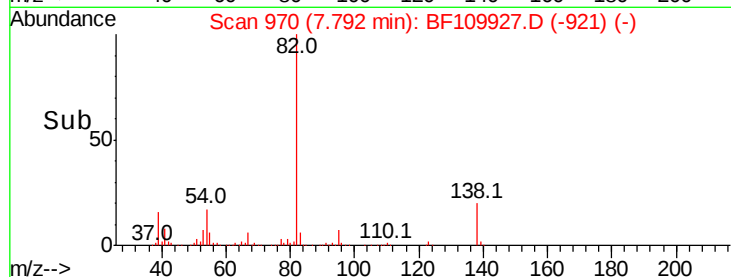
138 19.5 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 33.437 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

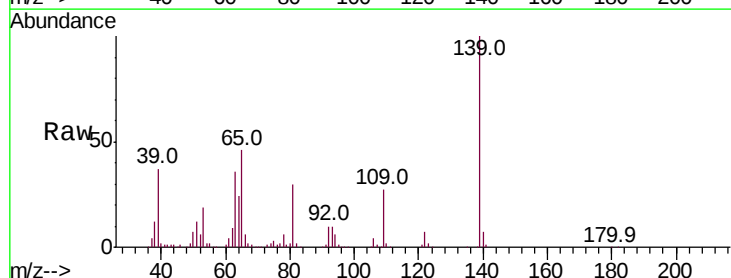
Tgt Ion: 139 Resp: 244465

Ion Ratio Lower Upper

139 100

109 26.8 25.0 37.6

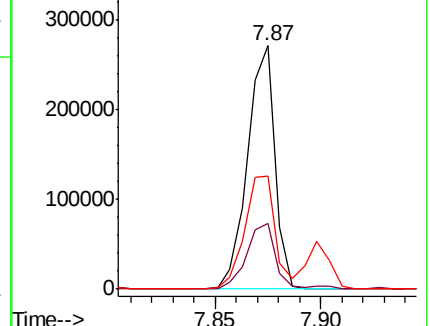
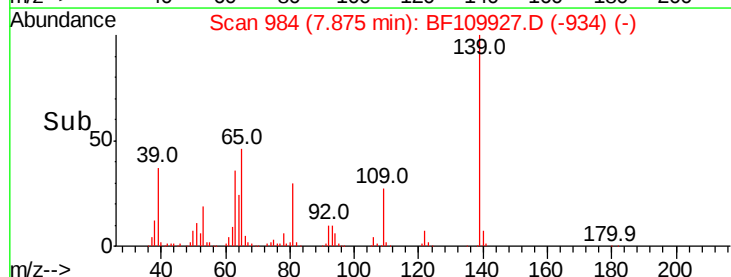
65 46.4 44.0 66.0

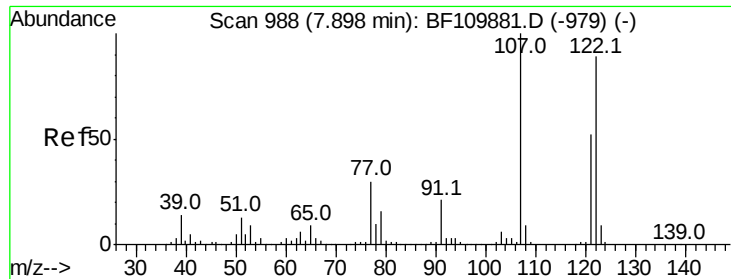


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

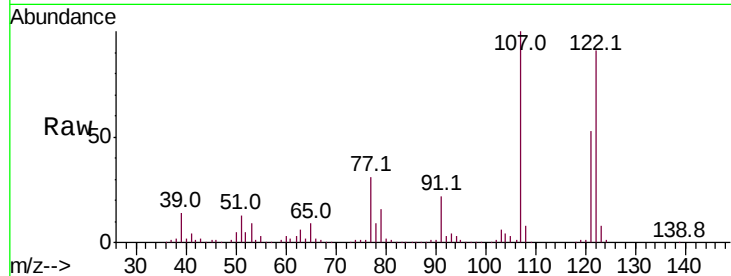




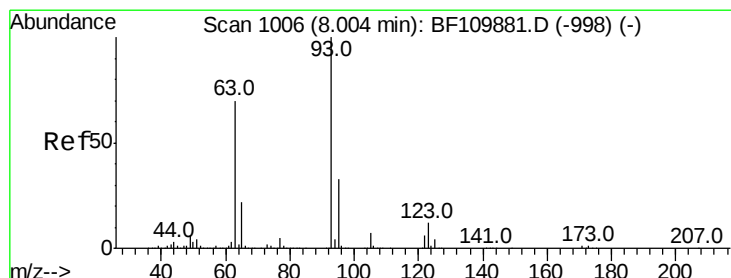
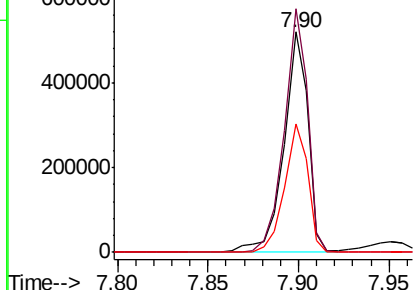
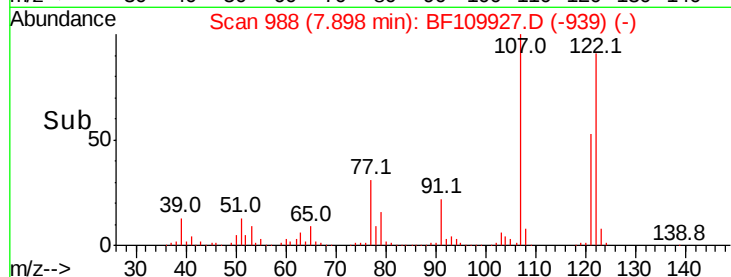
#27
2,4-Dimethylphenol
Concen: 31.471 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.4	92.5	138.7
121	58.2	45.8	68.8

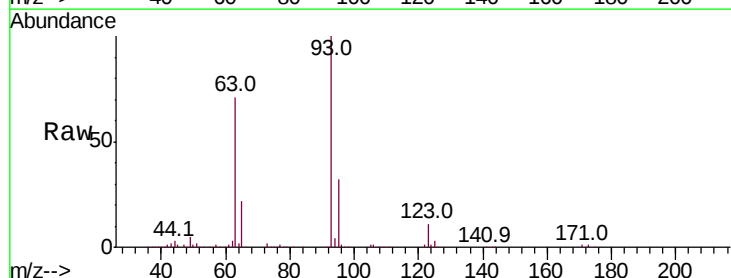


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

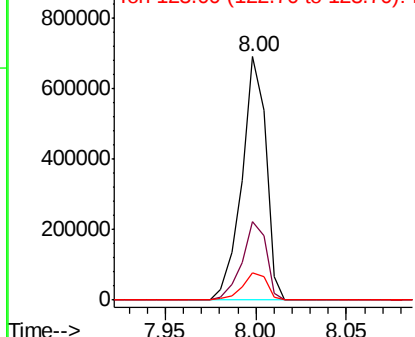
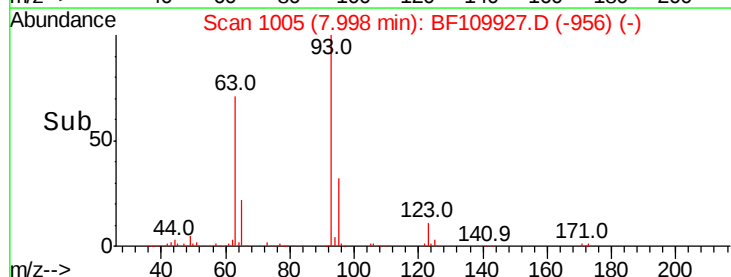


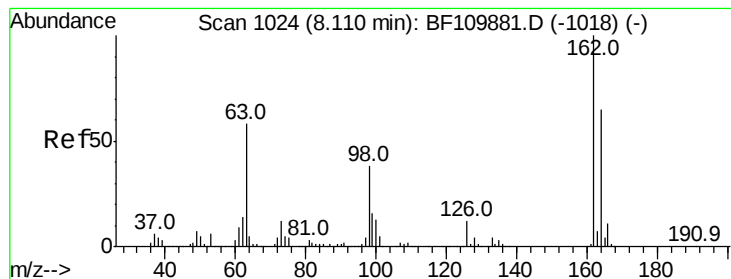
#28
bis(2-Chloroethoxy)methane
Concen: 29.111 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.4	39.6
123	11.2	9.0	13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 28.873 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

ClientSampleId :

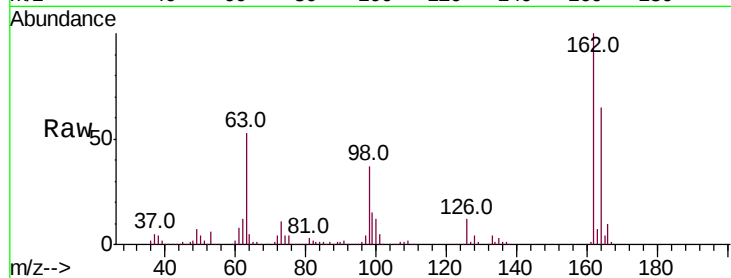
Tot Ion:162 Resp: 430293

Ion Ratio Lower Upper

162 100

164 65.1 44.6 84.6

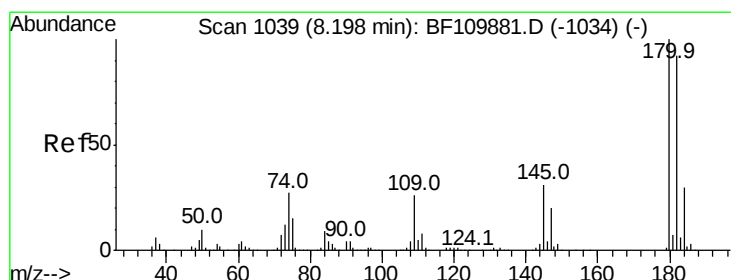
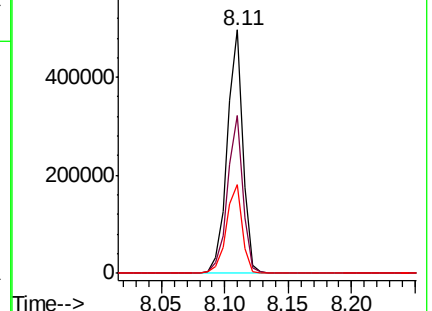
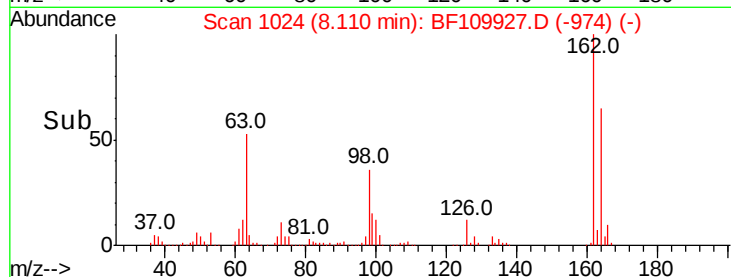
98 36.5 17.4 57.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 27.641 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

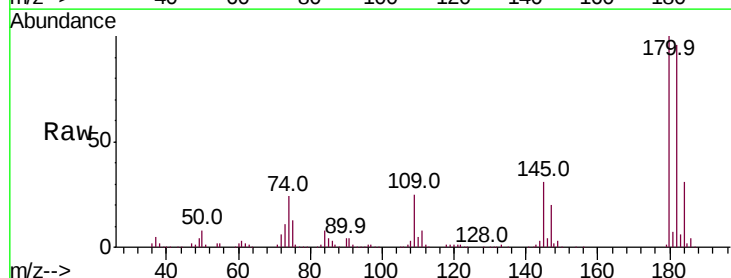
Tgt Ion:180 Resp: 461239

Ion Ratio Lower Upper

180 100

182 96.2 80.3 120.5

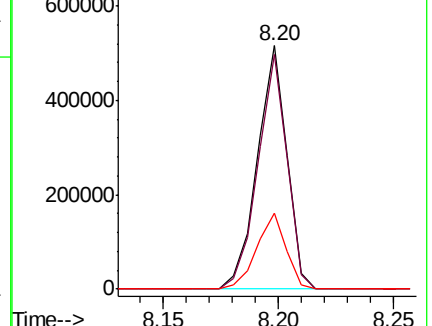
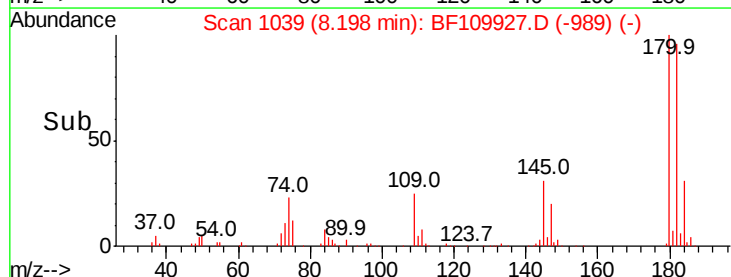
145 31.3 25.4 38.0

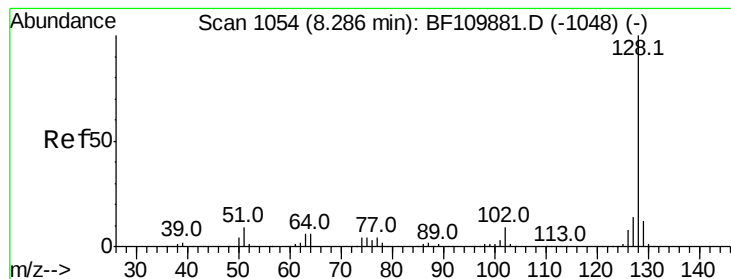


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 29.753 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

ClientSampleId :

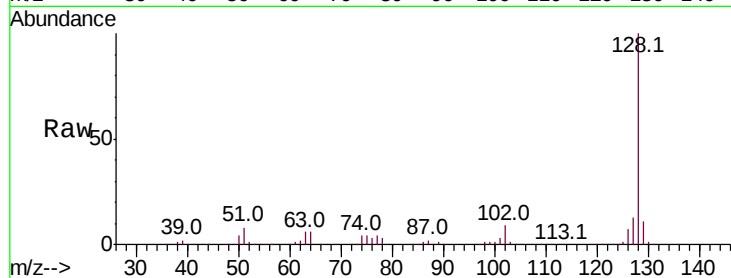
Tot Ion:128 Resp: 1491879

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

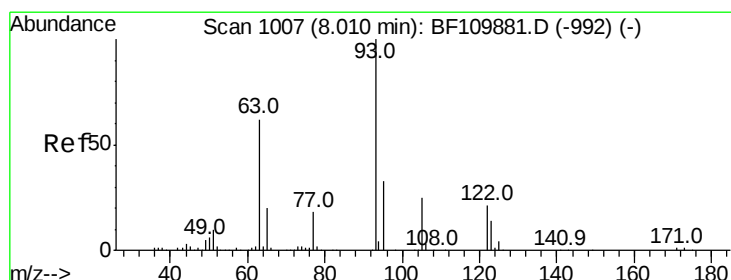
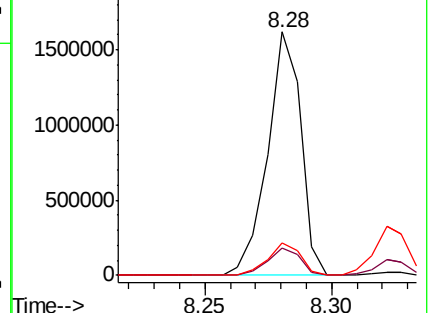
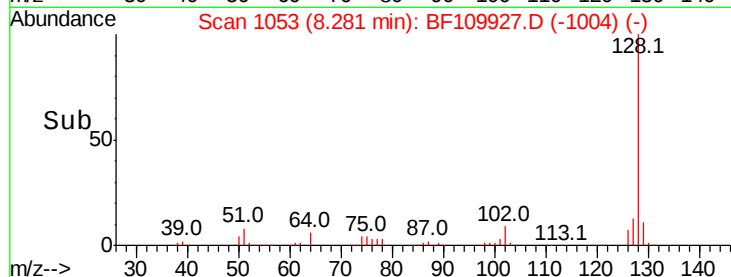
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.177 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.06 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

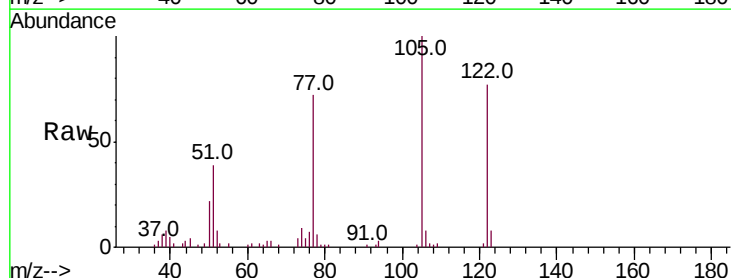
Tgt Ion:122 Resp: 59124

Ion Ratio Lower Upper

122 100

105 129.4 109.0 149.0

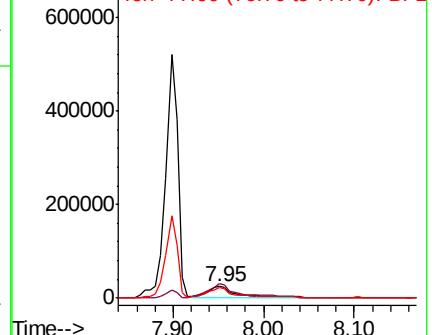
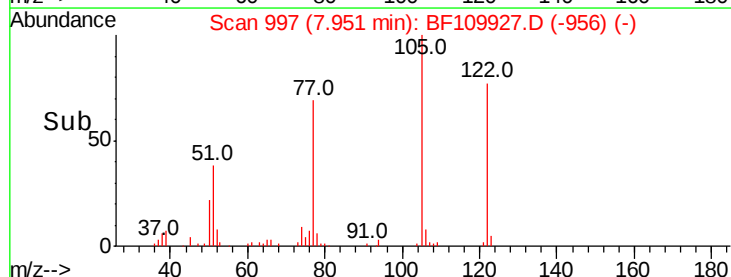
77 92.9 79.0 119.0

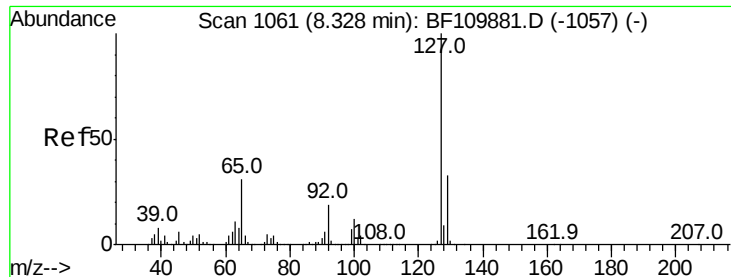


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

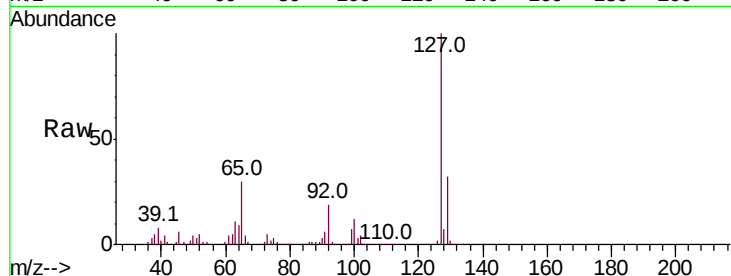




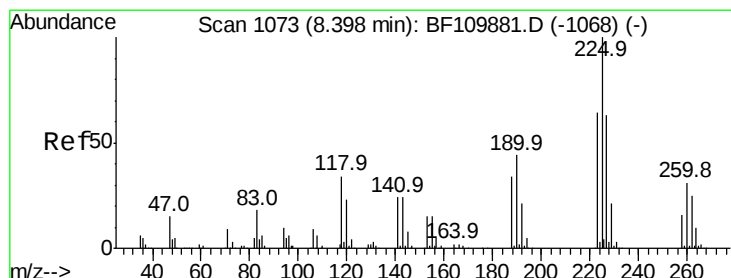
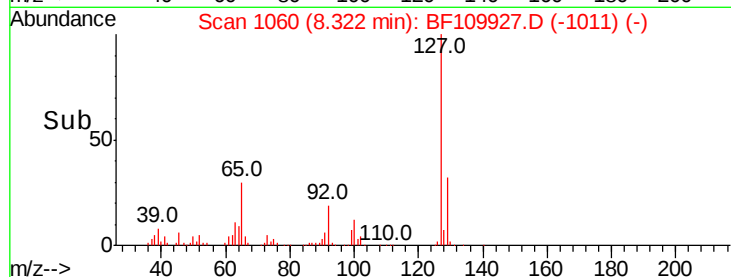
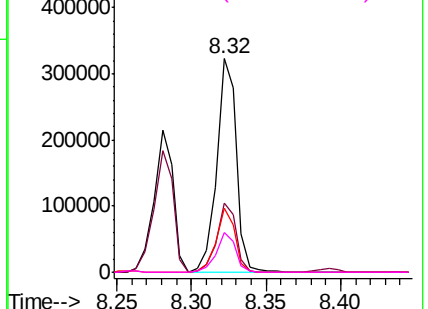
#33
4-Chloroaniline
Concen: 13.185 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	297182
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	30.2	25.1	37.7
92	18.8	15.0	22.6

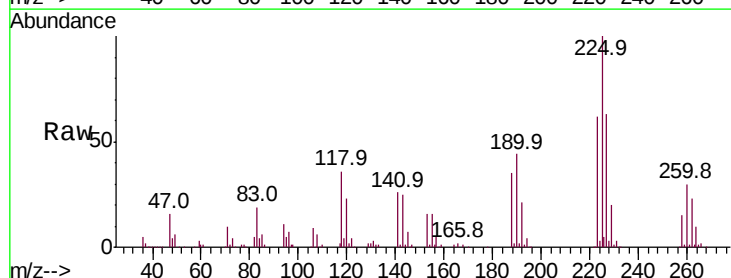


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

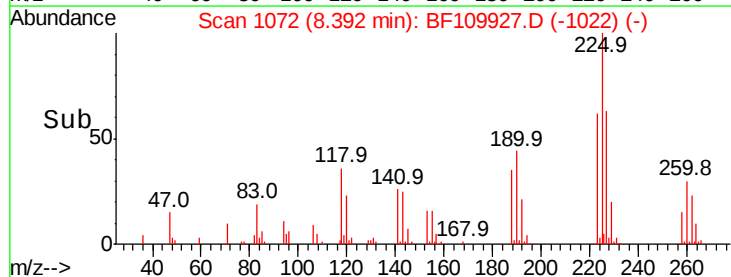
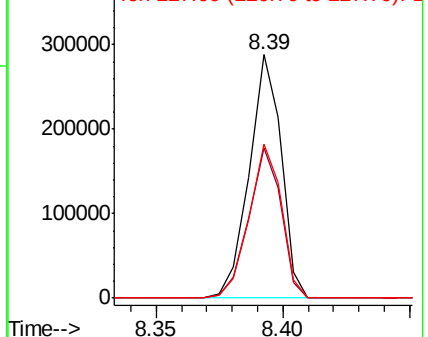


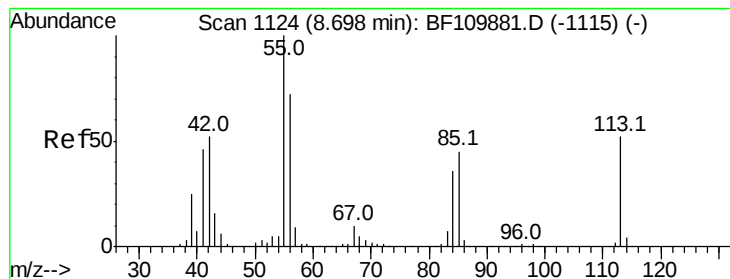
#34
Hexachlorobutadiene
Concen: 27.627 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion:	225	Resp:	254206
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.4	77.2
227	63.0	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 8.583 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

ClientSampleId :

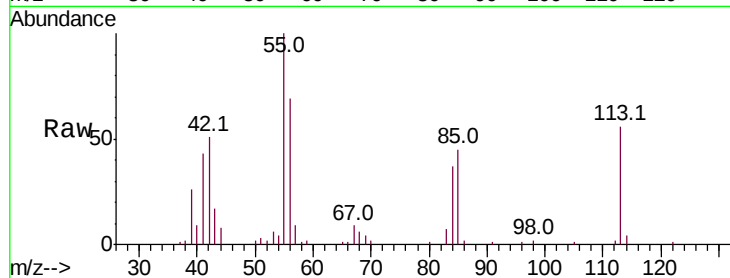
Tot Ion:113 Resp: 45428

Ion Ratio Lower Upper

113 100

55 177.1 142.8 182.8

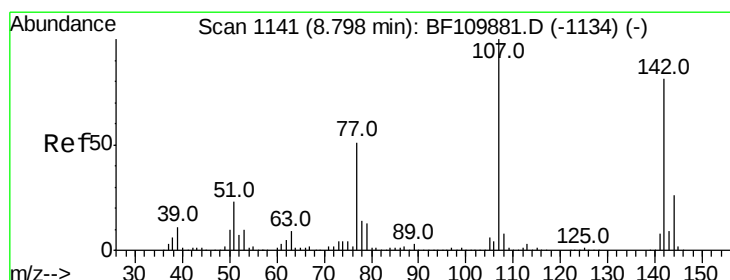
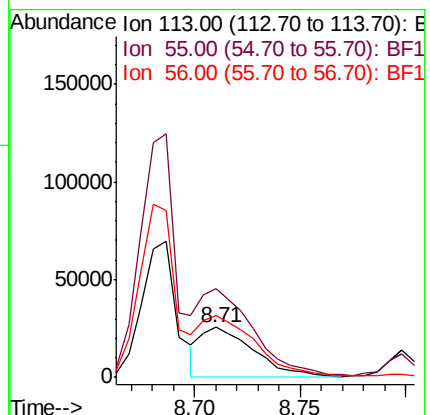
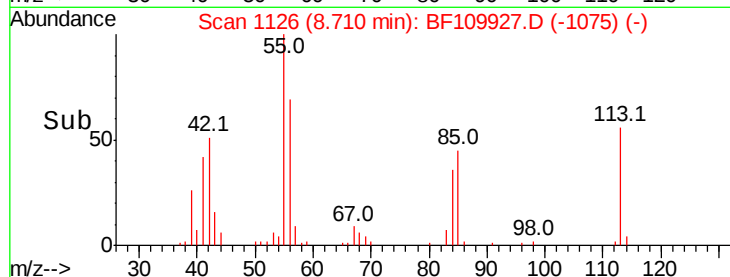
56 122.7 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 28.764 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

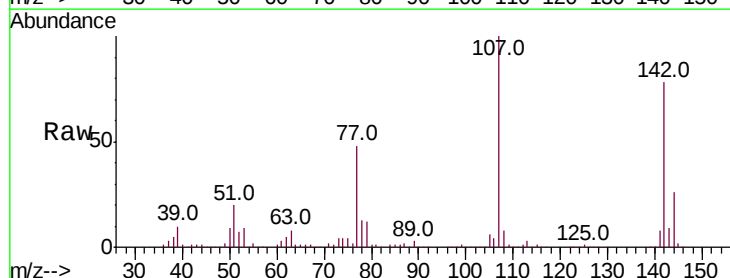
Tgt Ion:107 Resp: 452214

Ion Ratio Lower Upper

107 100

144 25.8 20.0 30.0

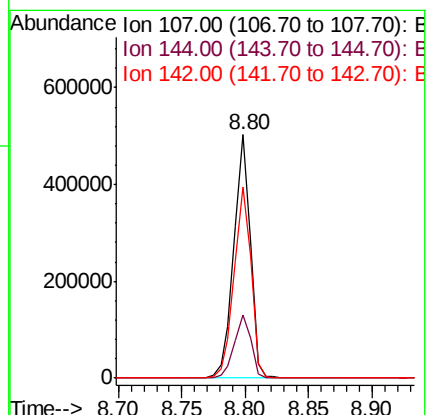
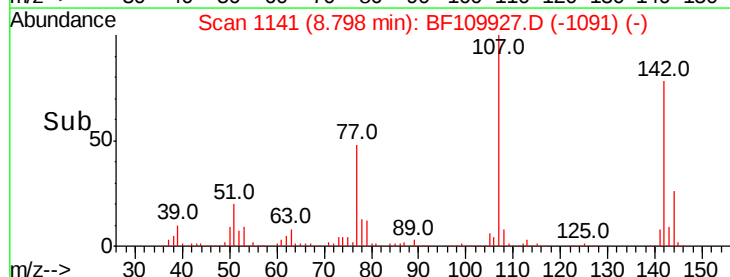
142 78.4 59.7 89.5

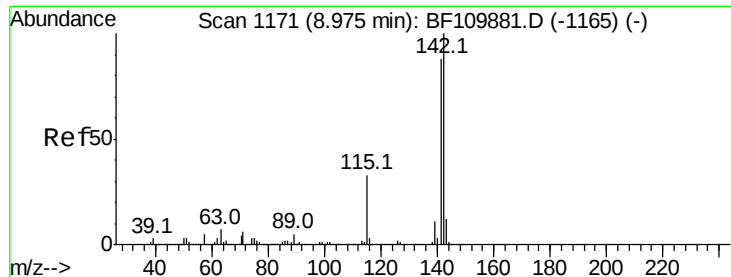


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 31.745 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

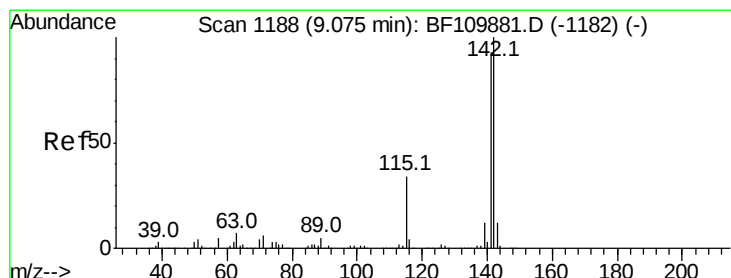
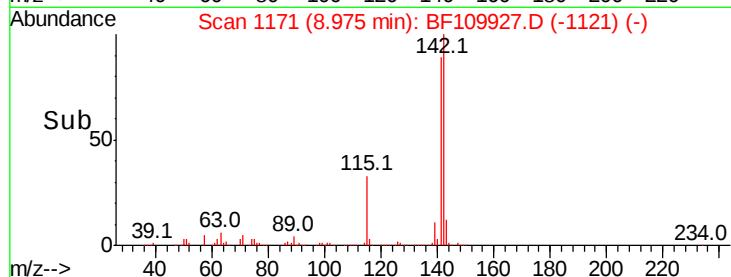
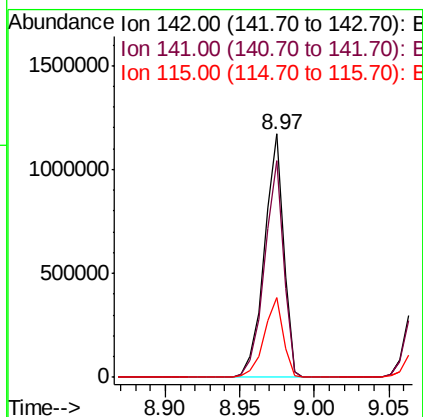
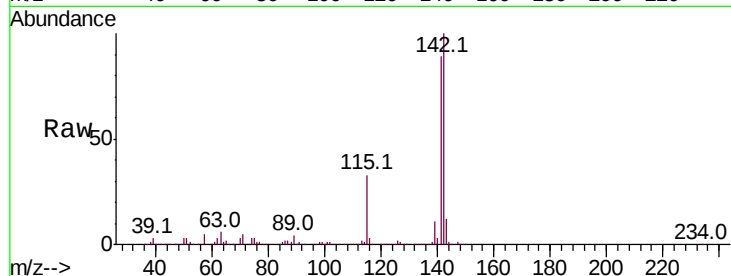
Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1030712

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2
115	33.0	28.7	43.1



#38

1-Methylnaphthalene

Concen: 30.856 ng

RT: 9.07 min Scan# 1188

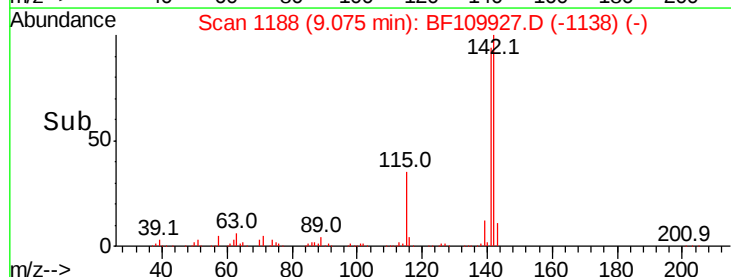
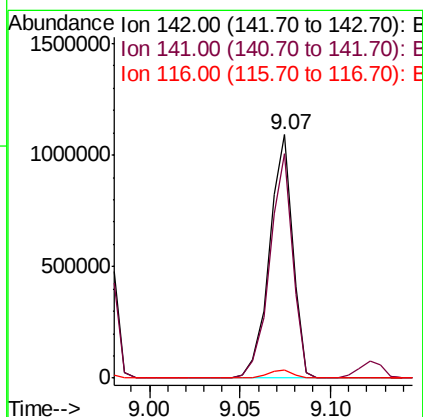
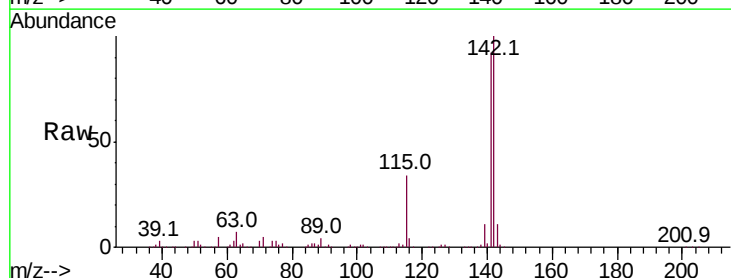
Delta R.T. -0.01 min

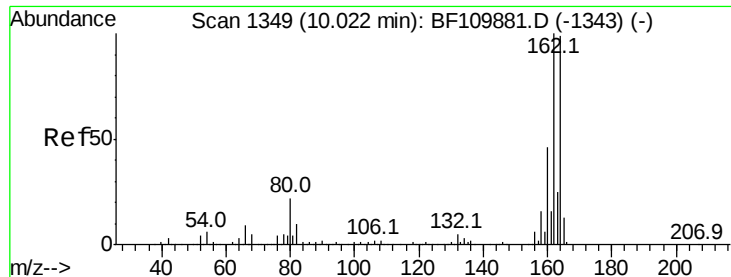
Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Tgt Ion:142 Resp: 970800

Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.2	111.4
116	3.5	2.6	4.0

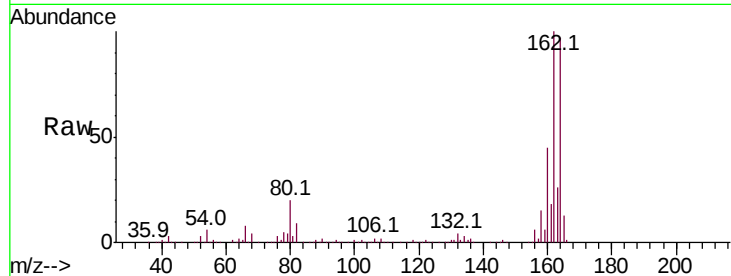




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.0	124.6
160	46.0	37.0	55.6

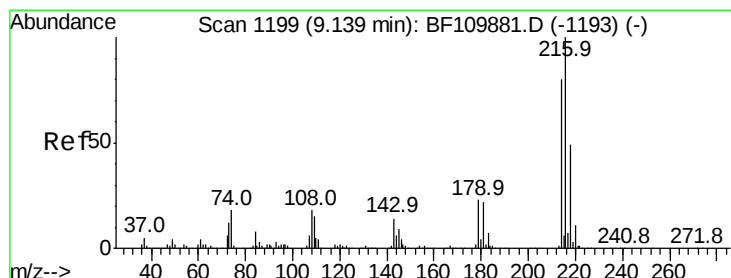
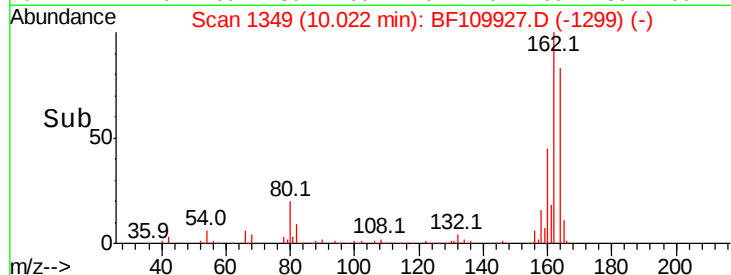
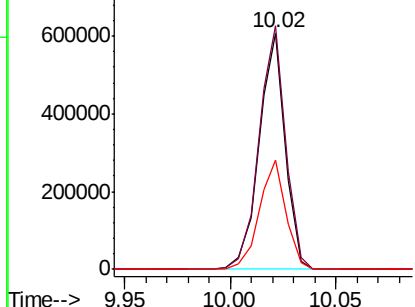


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.921 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.8	95.6
179	22.3	16.6	25.0
108	22.2	15.1	22.7

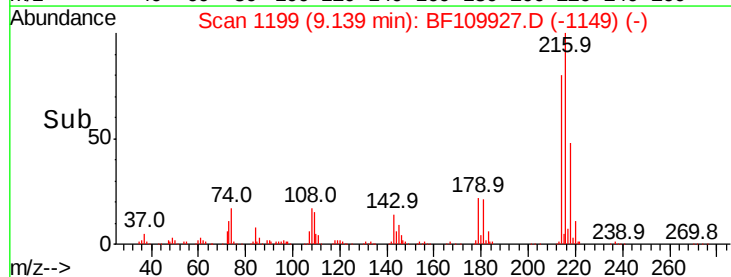
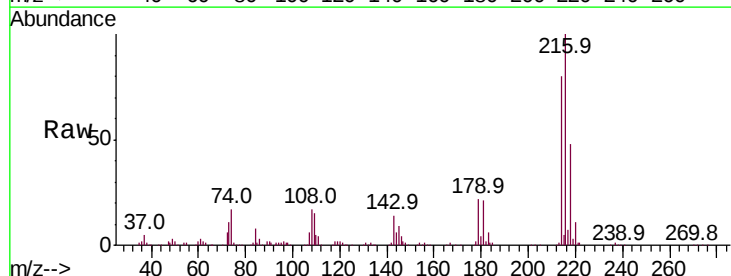
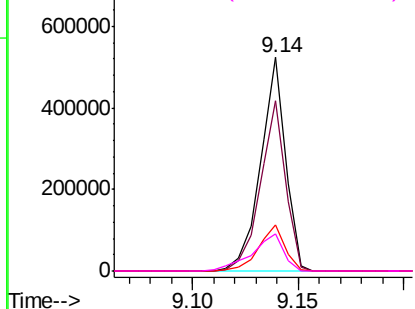
Abundance

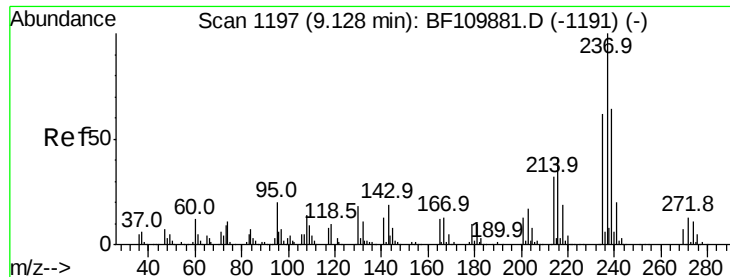
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 65.996 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

ClientSampleId :

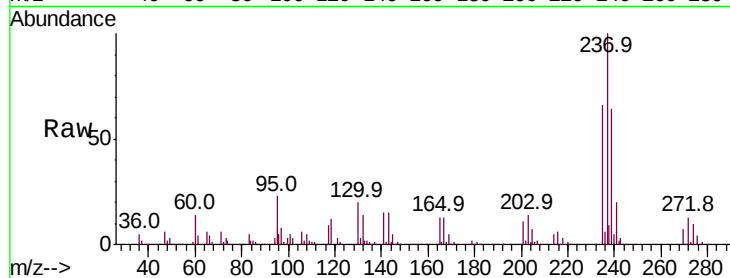
Tot Ion:237 Resp: 511052

Ion Ratio Lower Upper

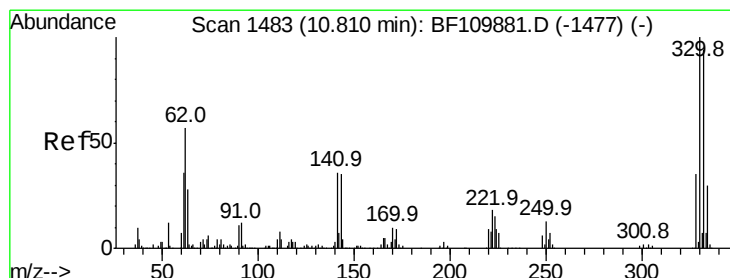
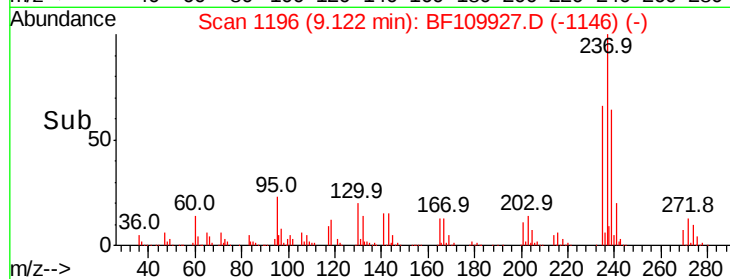
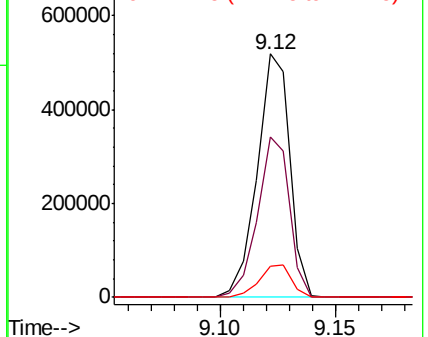
237 100

235 65.7 43.1 83.1

272 12.7 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 61.077 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

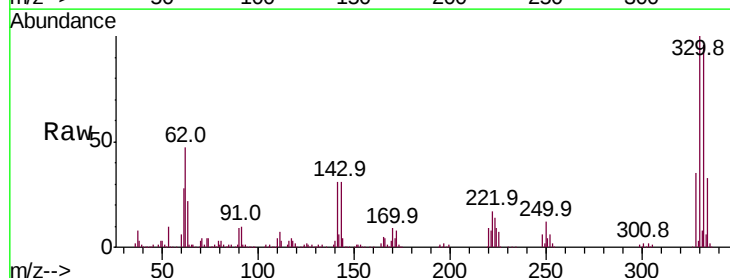
Tgt Ion:330 Resp: 275436

Ion Ratio Lower Upper

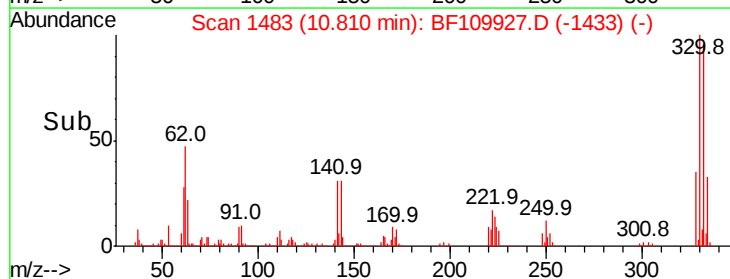
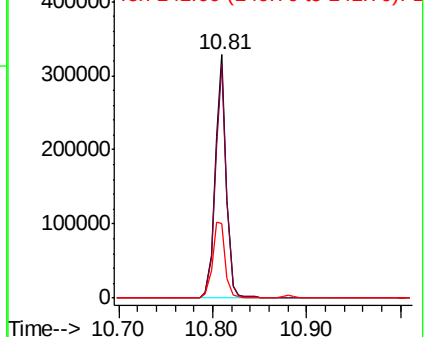
330 100

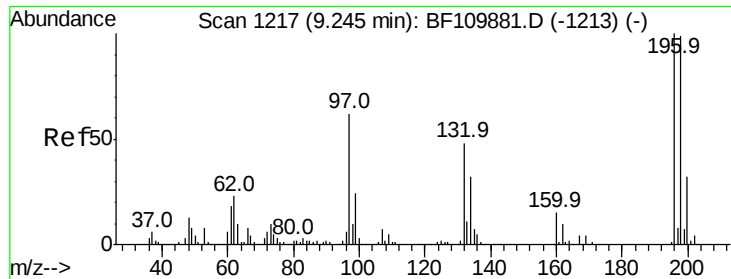
332 96.2 77.1 115.7

141 35.9 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

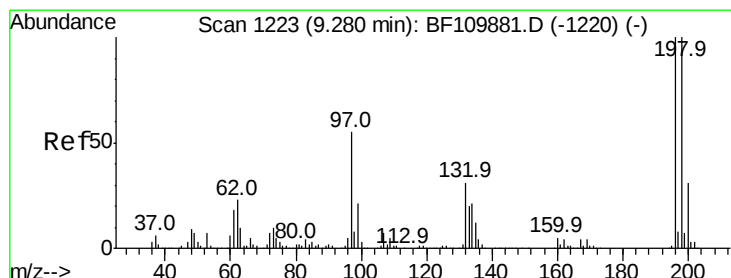
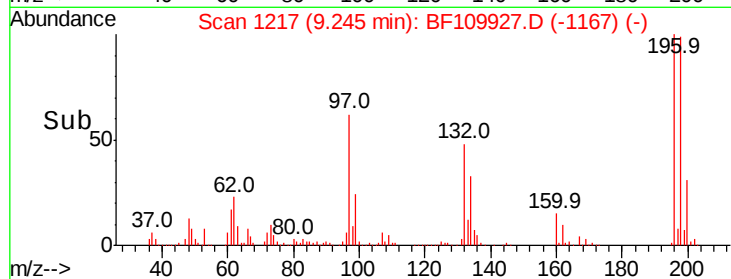
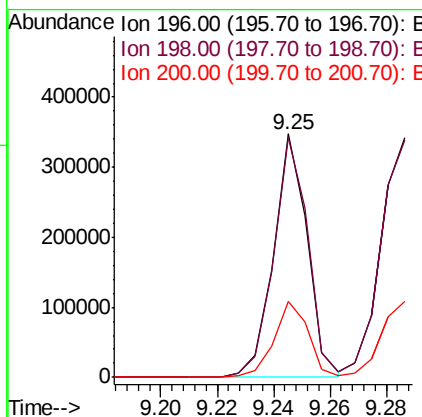
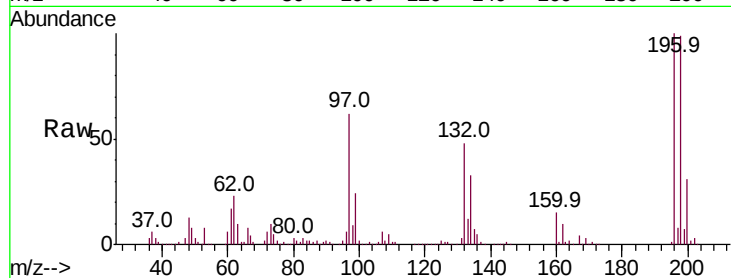




#43
 2,4,6-Trichlorophenol
 Concen: 28.595 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

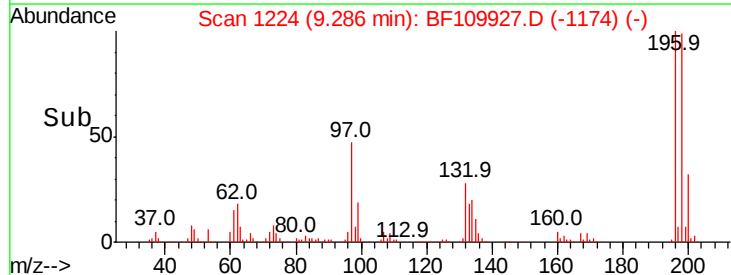
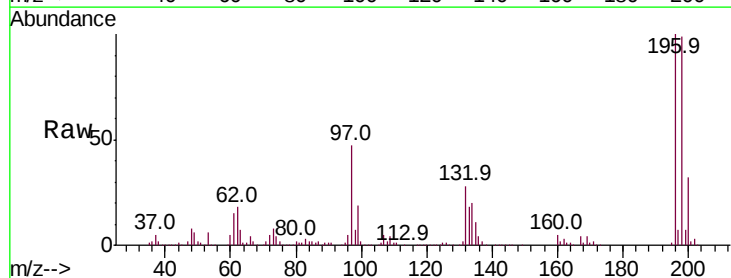
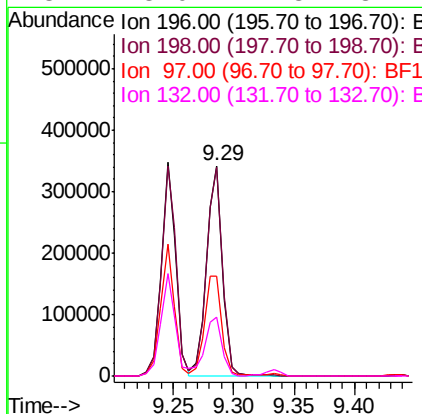
Instrument :
 BNA_F
 ClientSampled :

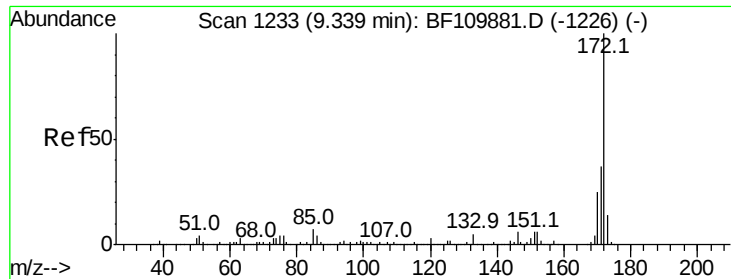
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	76.2	114.4
200	31.2	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 29.705 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	75.8	113.6
97	47.4	42.4	63.6
132	28.0	22.8	34.2

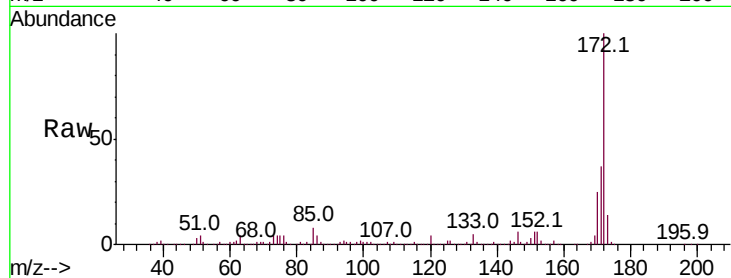




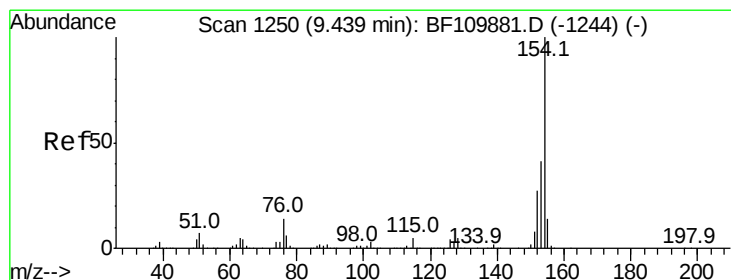
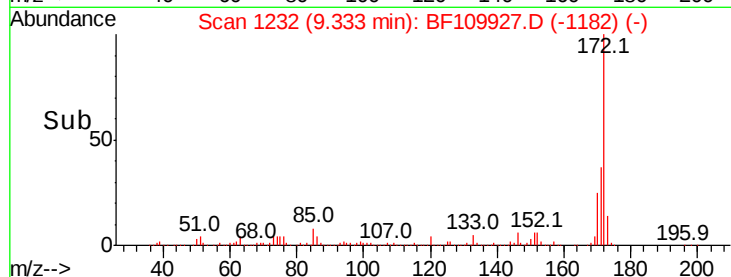
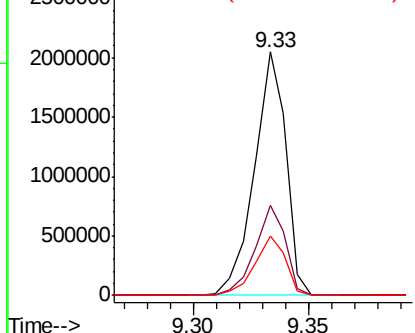
#45
2-Fluorobiphenyl
Concen: 59.845 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1953566
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 24.6 19.7 29.5

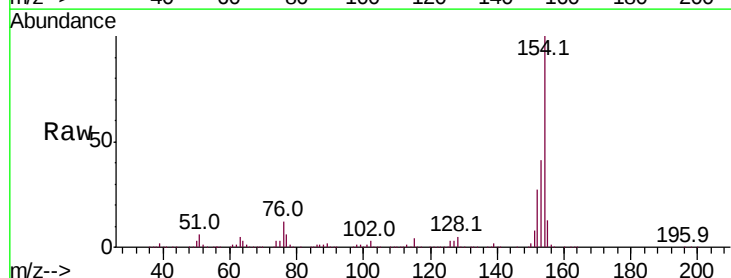


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

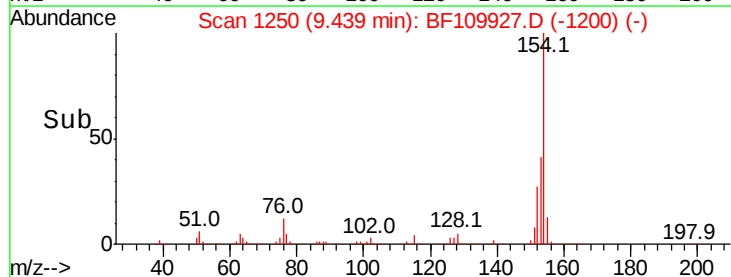
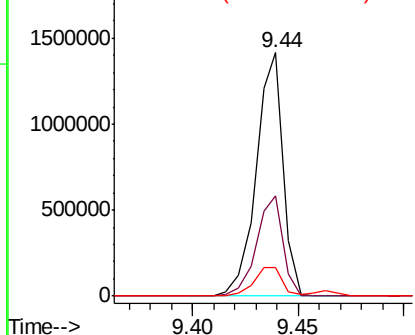


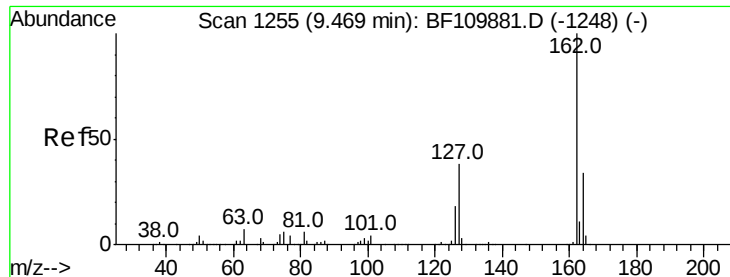
#46
1,1'-Biphenyl
Concen: 26.850 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion:154 Resp: 1246082
Ion Ratio Lower Upper
154 100
153 40.9 20.4 60.4
76 11.6 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

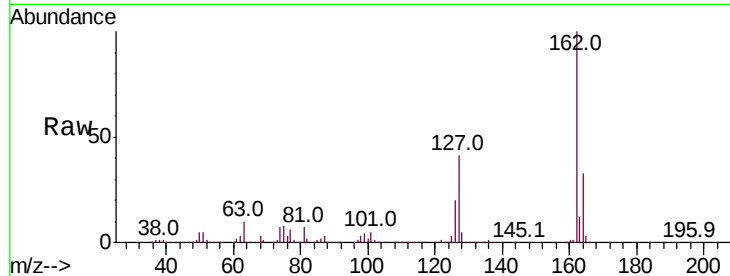




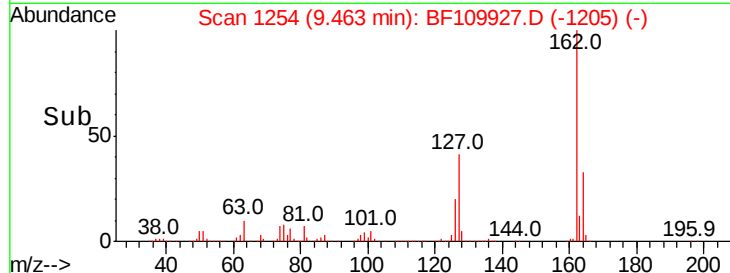
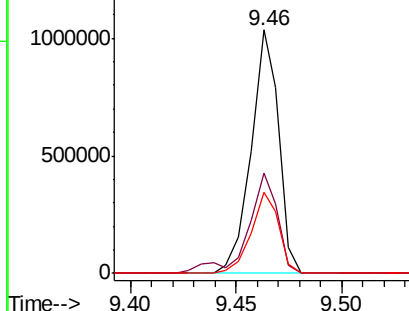
#47
 2-Chloronaphthalene
 Concen: 27.375 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.6	48.8
164	33.1	25.9	38.9

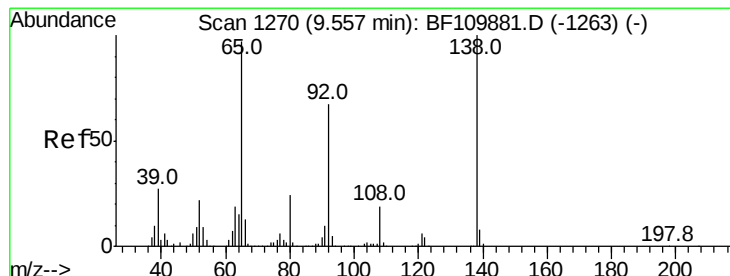


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

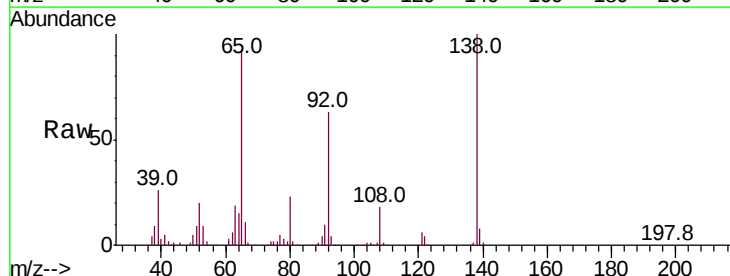
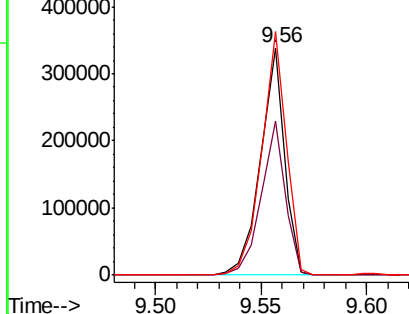


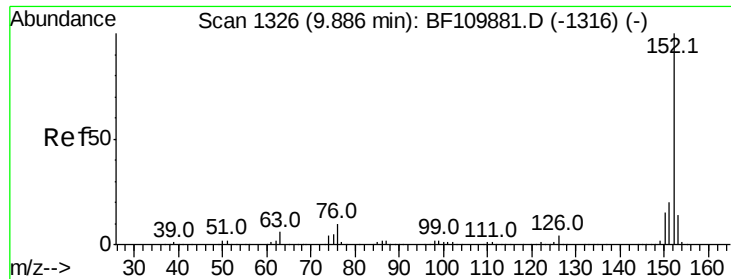
#48
 2-Nitroaniline
 Concen: 30.844 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	54.6	81.8
138	107.2	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 29.788 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

ClientSampleId :

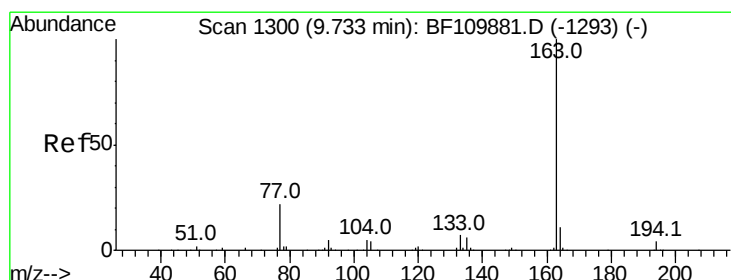
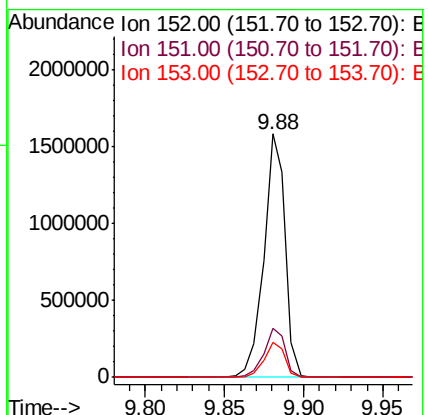
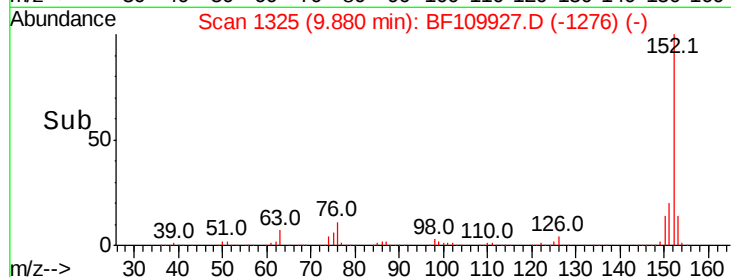
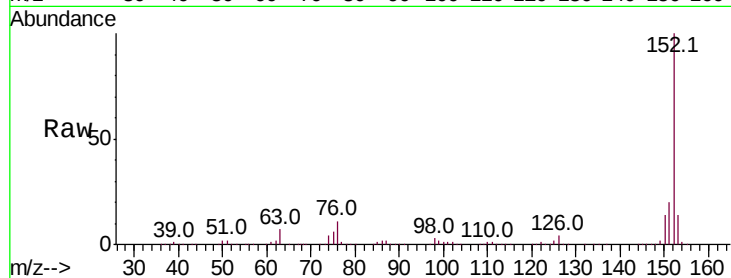
Tot Ion:152 Resp: 1479302

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

153 14.2 10.4 15.6



#50

Dimethylphthalate

Concen: 29.005 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

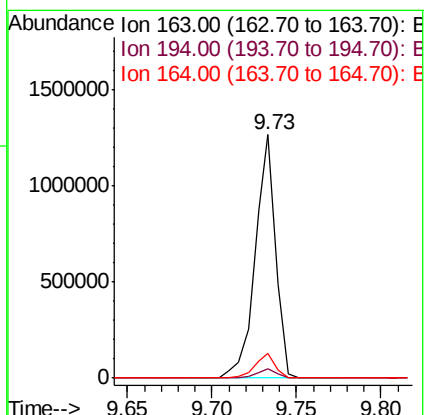
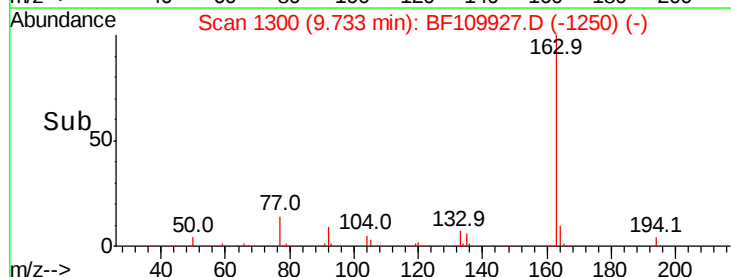
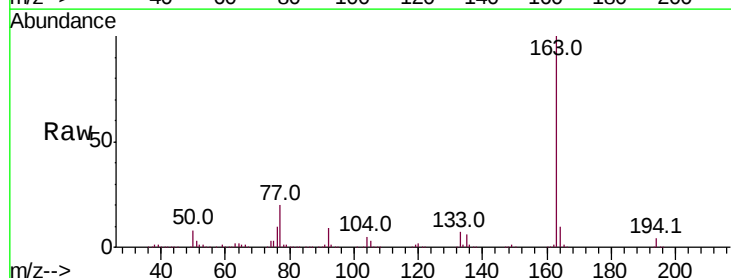
Tgt Ion:163 Resp: 1069819

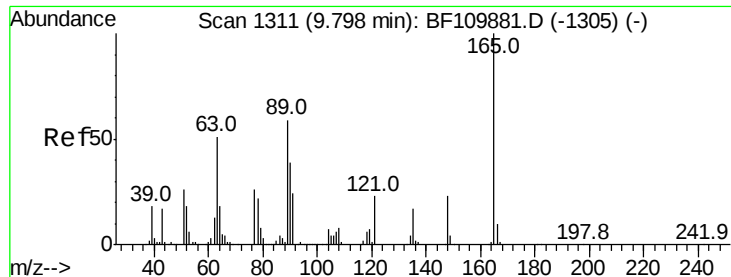
Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 10.1 8.1 12.1

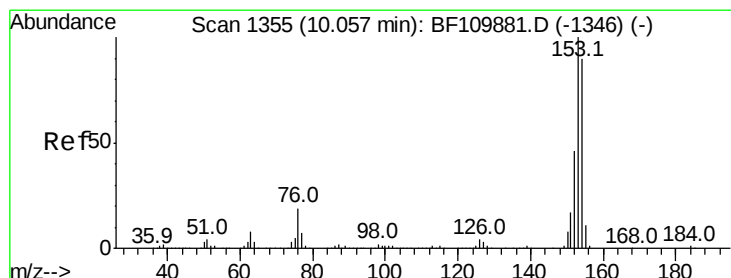
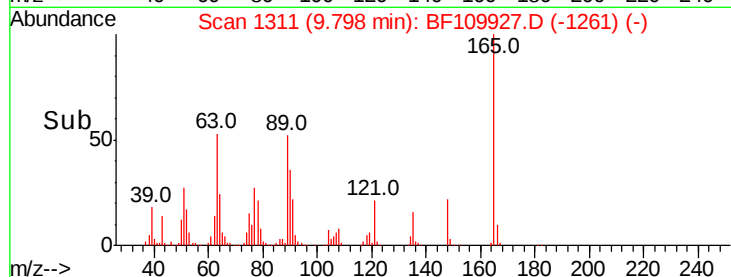
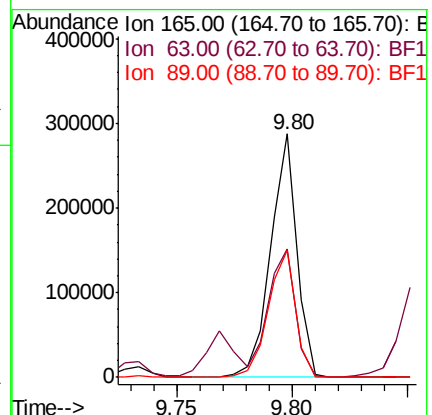
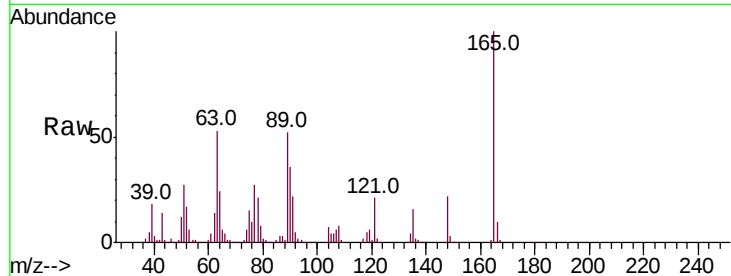




#51
2,6-Dinitrotoluene
Concen: 32.458 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

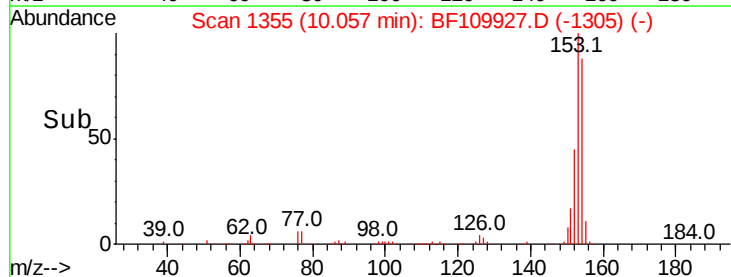
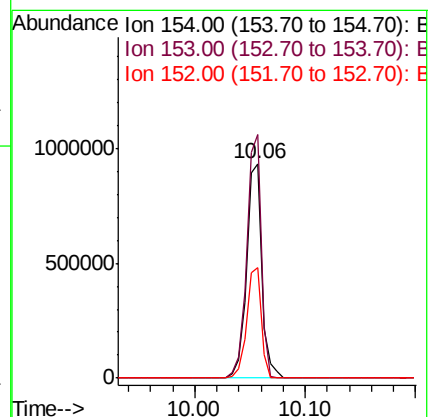
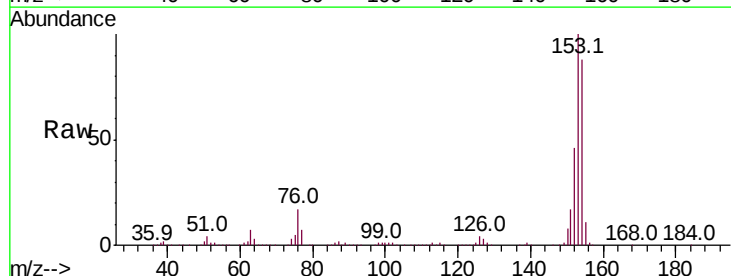
Instrument :
BNA_F
ClientSampleId :

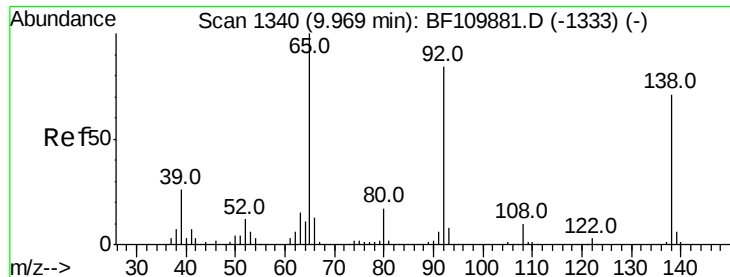
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.9	48.9	73.3
89	52.1	46.6	69.8



#52
Acenaphthene
Concen: 28.799 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.1	135.1
152	51.8	43.4	65.2

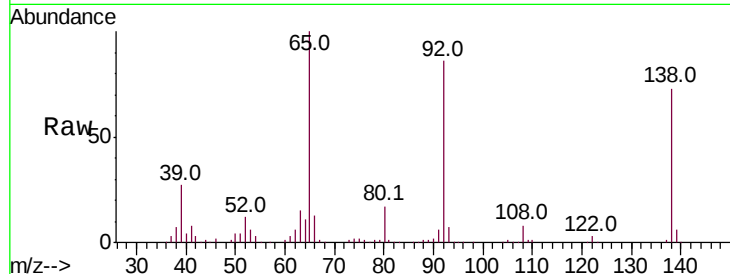




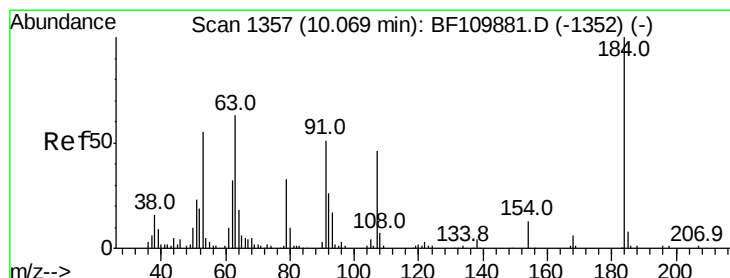
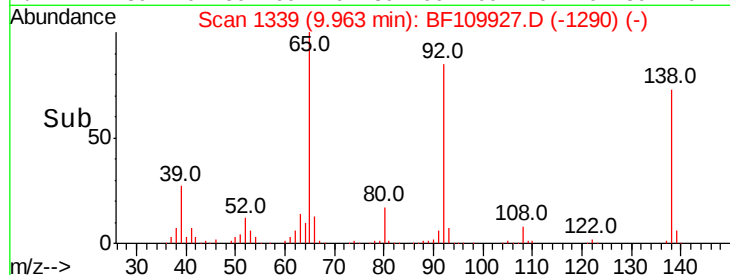
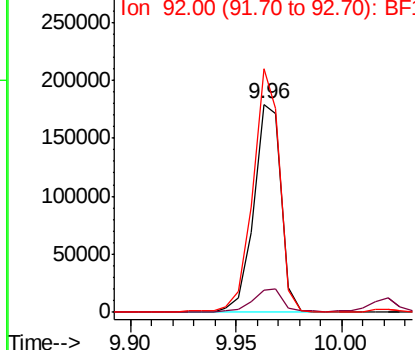
#53
3-Nitroaniline
Concen: 19.043 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 162275
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 117.0 97.0 145.4

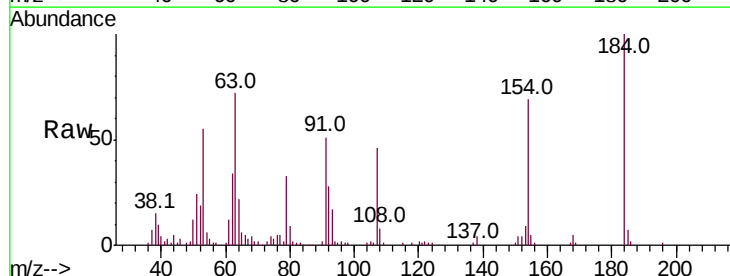


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

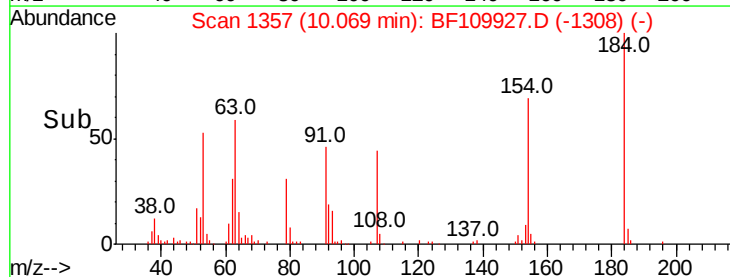
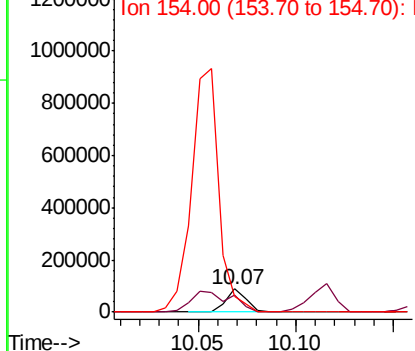


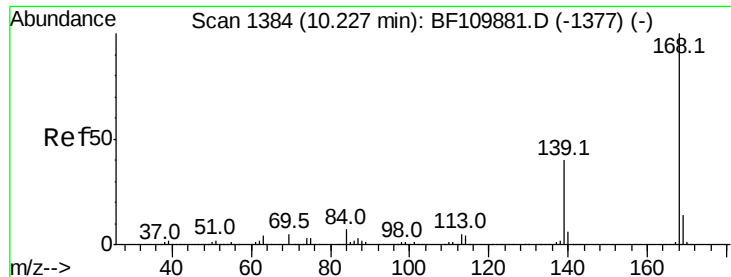
#54
2,4-Dinitrophenol
Concen: 34.916 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion:184 Resp: 65312
Ion Ratio Lower Upper
184 100
63 72.4 55.8 83.6
154 69.3 63.2 94.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

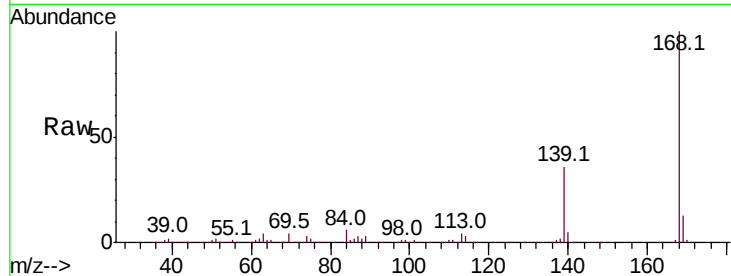




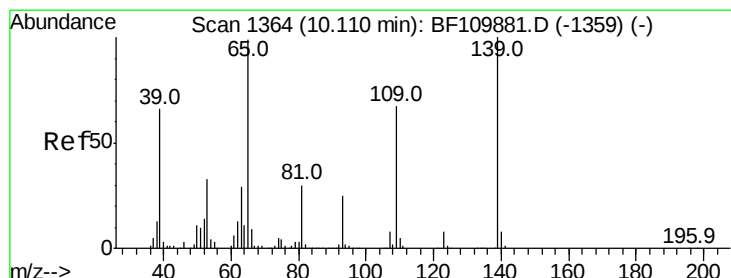
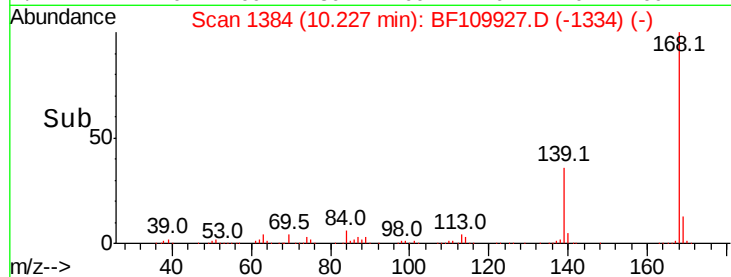
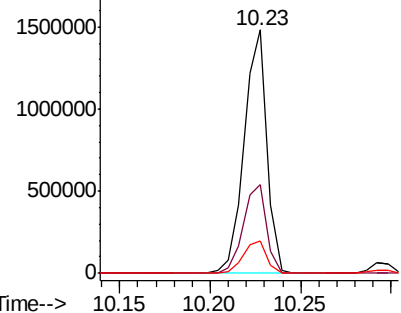
#55
Dibenzofuran
Concen: 28.554 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1287491
Ion Ratio Lower Upper
168 100
139 36.5 33.0 49.6
169 13.4 11.3 16.9

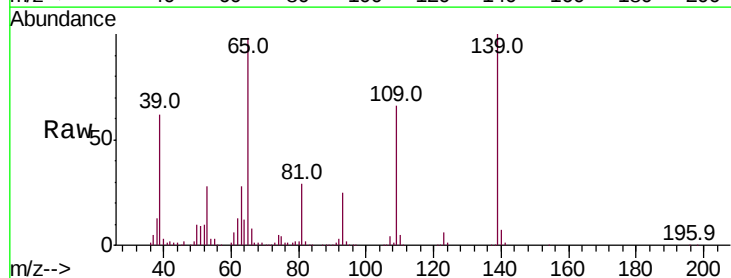


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

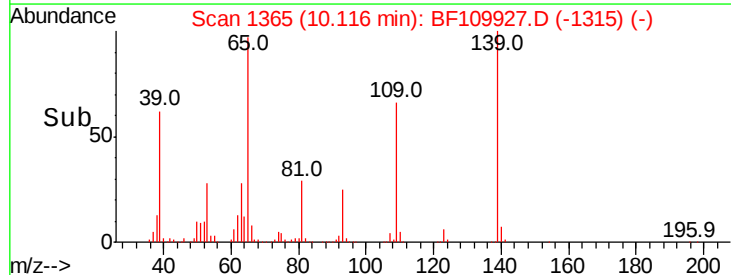
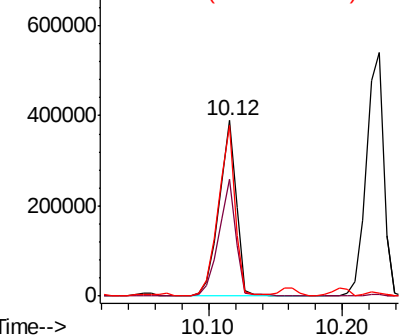


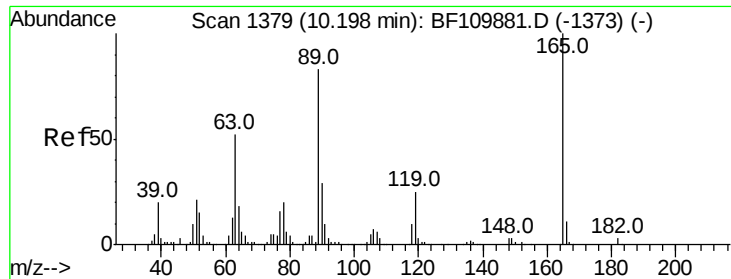
#56
4-Nitrophenol
Concen: 55.511 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion:139 Resp: 360943
Ion Ratio Lower Upper
139 100
109 66.3 55.8 95.8
65 97.6 77.9 117.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

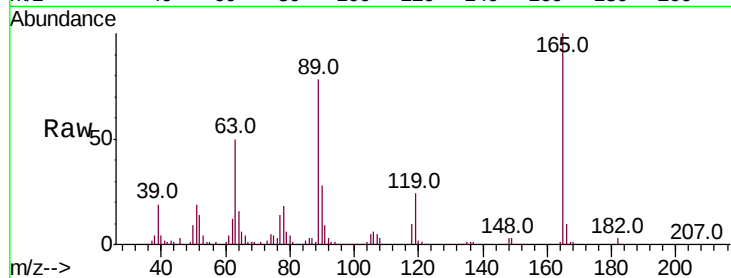




#57
2,4-Dinitrotoluene
Concen: 33.810 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.8	44.8	67.2
89	77.7	62.2	93.4
182	2.7	2.1	3.1



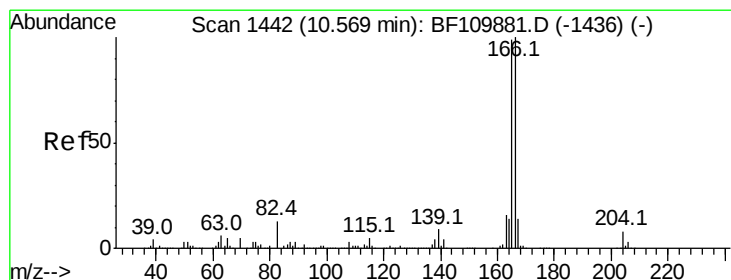
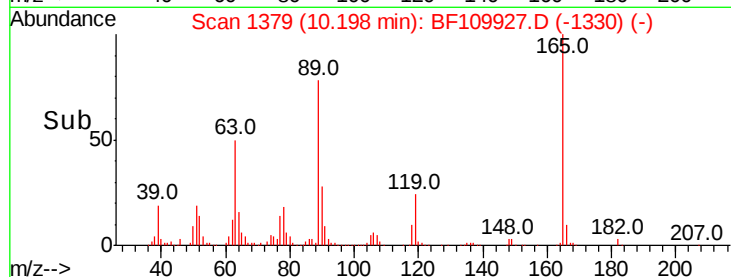
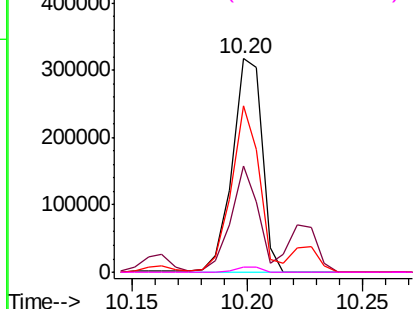
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

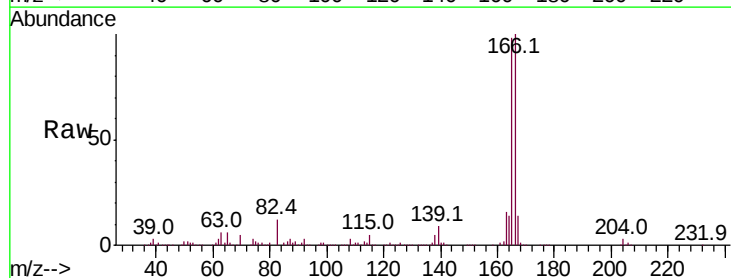
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 30.239 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	117.8
167	13.8	10.8	16.2

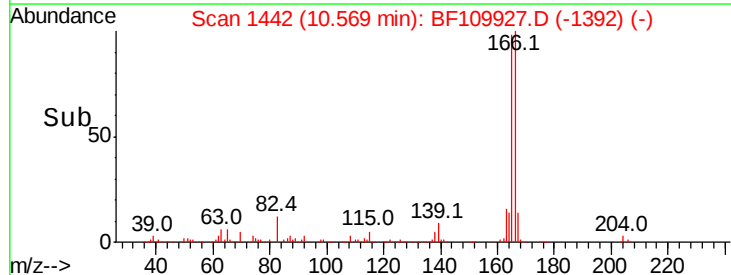
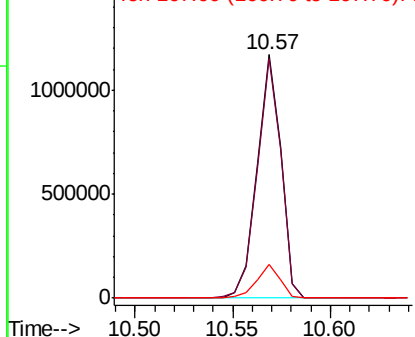


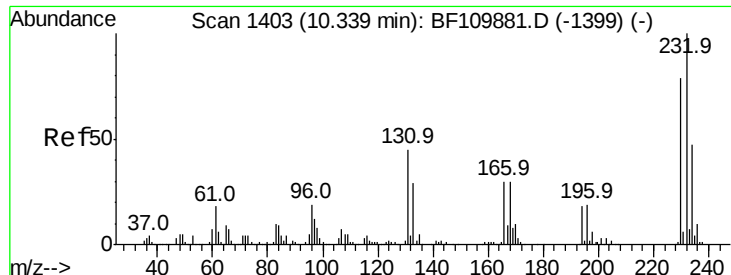
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

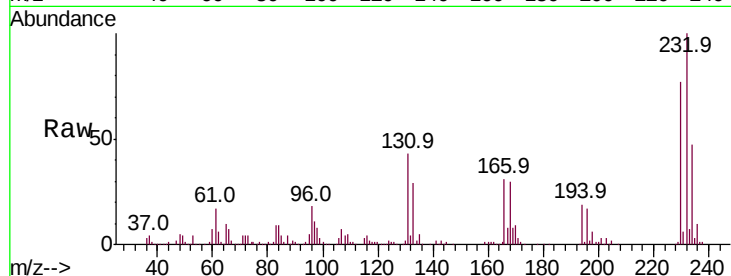




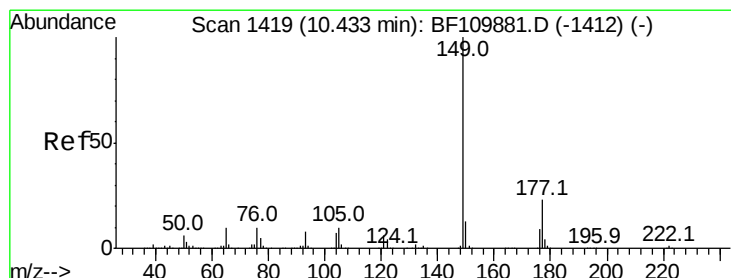
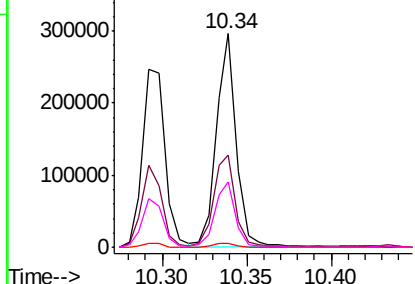
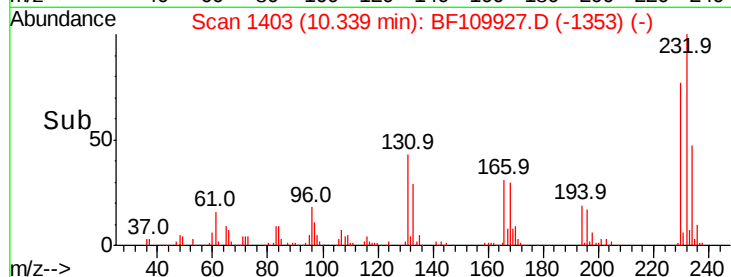
#59
2,3,4,6-Tetrachlorophenol
Concen: 29.638 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 244566
Ion Ratio Lower Upper
232 100
131 47.1 37.0 55.4
130 2.2 1.8 2.6
166 31.9 22.0 33.0

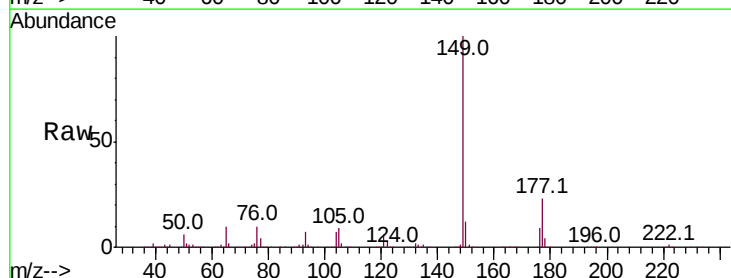


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

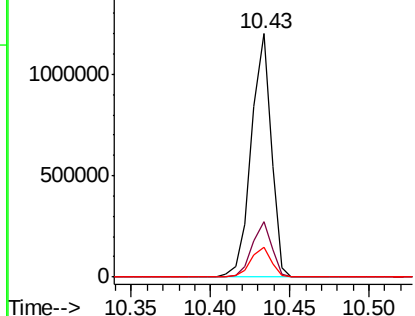
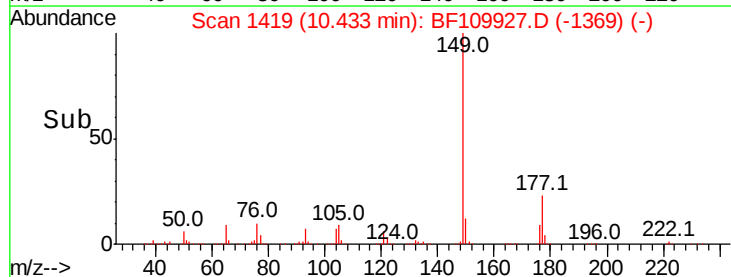


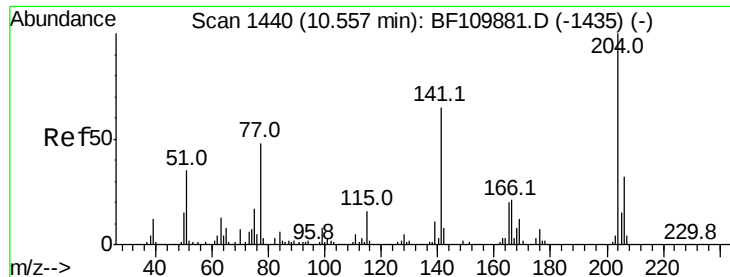
#60
Diethylphthalate
Concen: 28.829 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion:149 Resp: 1050208
Ion Ratio Lower Upper
149 100
177 22.6 17.4 26.2
150 12.5 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

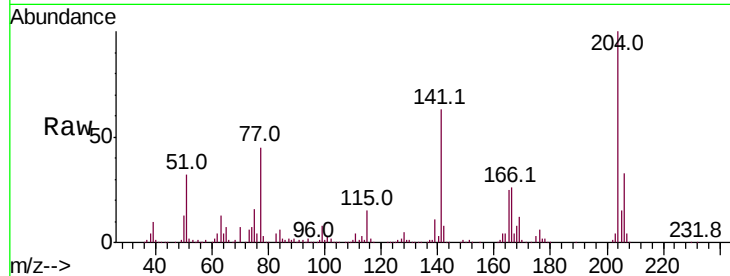




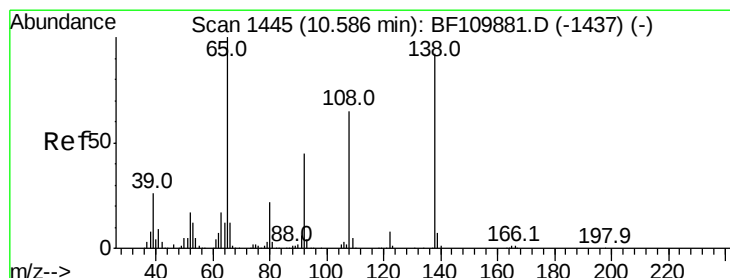
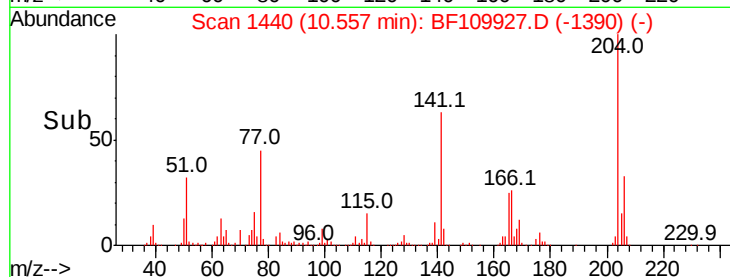
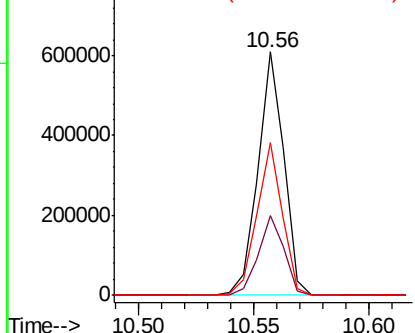
#61
4-Chlorophenyl-phenylether
Concen: 27.897 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 476973
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 62.7 51.8 77.8

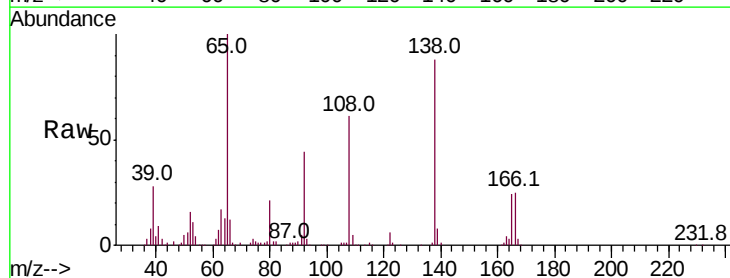


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

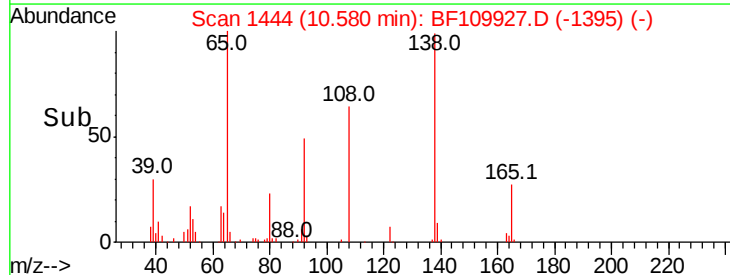
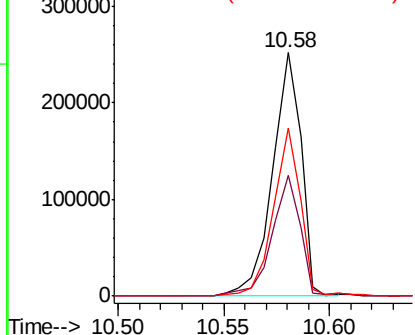


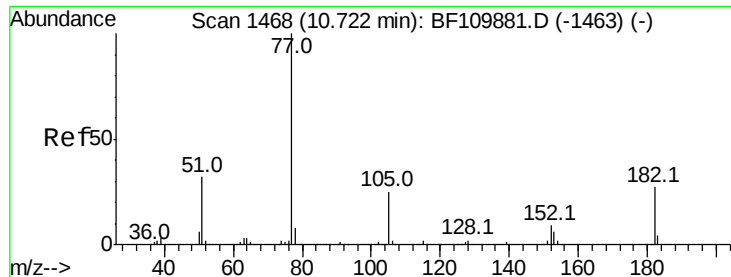
#62
4-Nitroaniline
Concen: 29.436 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion:138 Resp: 237448
Ion Ratio Lower Upper
138 100
92 49.5 31.7 71.7
108 68.9 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

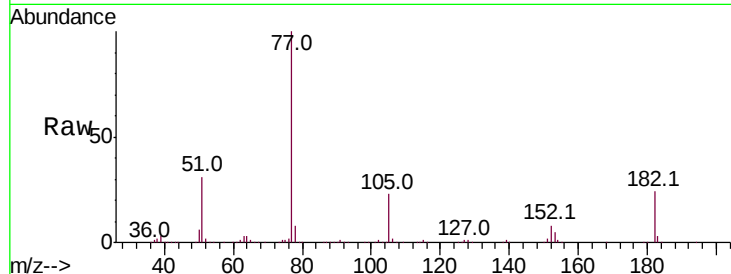




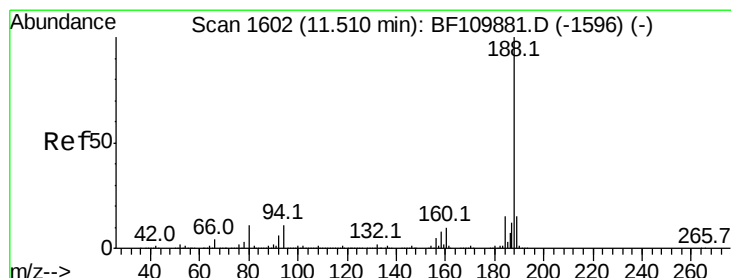
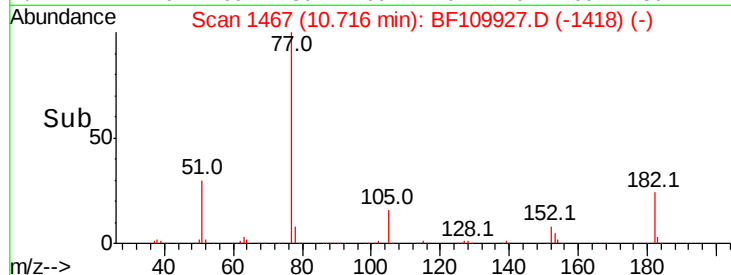
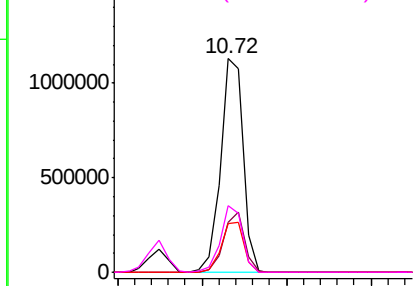
#63
Azobenzene
Concen: 27.581 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1049636
Ion Ratio Lower Upper
77 100
182 23.5 4.3 44.3
105 22.7 1.3 41.3
51 31.0 9.0 49.0

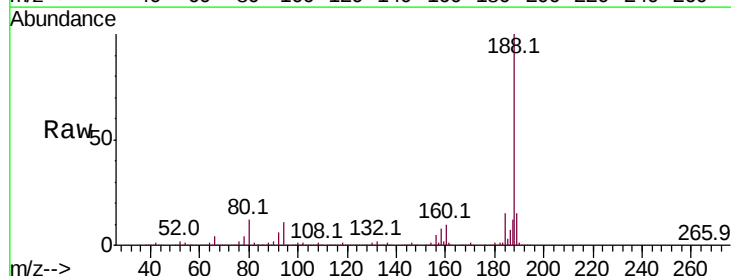


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

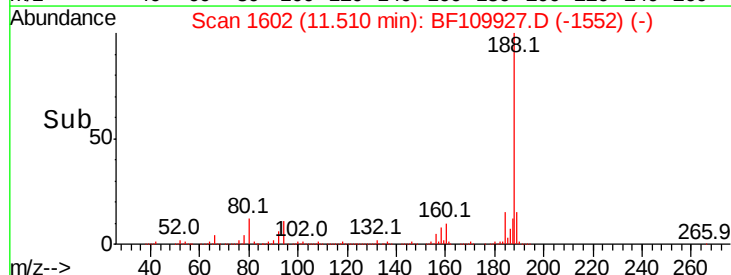
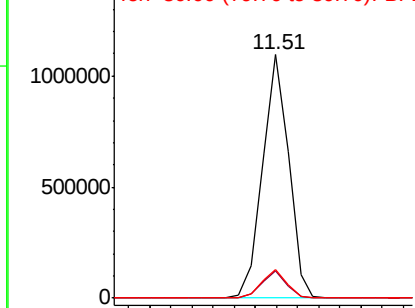


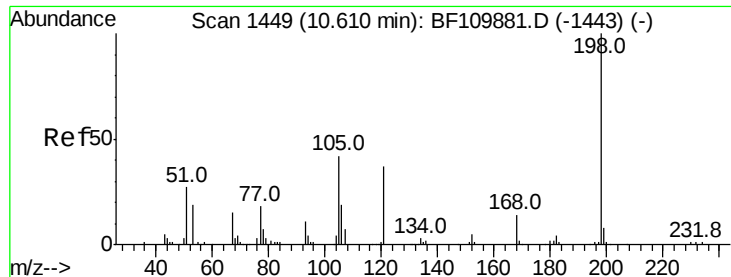
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion: 188 Resp: 950038
Ion Ratio Lower Upper
188 100
94 11.2 7.2 10.8#
80 11.6 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 24.334 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

ClientSampled :

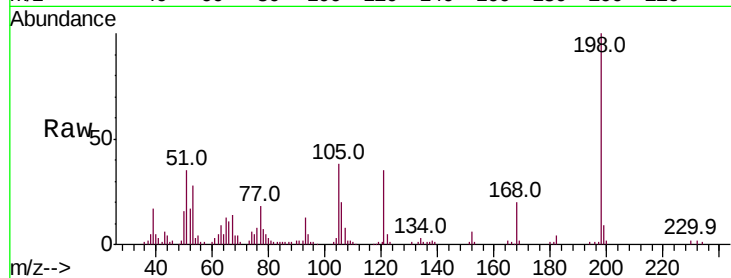
Tot Ion:198 Resp: 67693

Ion	Ratio	Lower	Upper
198	100		
51	35.5	22.8	62.8
105	38.3	23.6	63.6

198 100

51 35.5 22.8 62.8

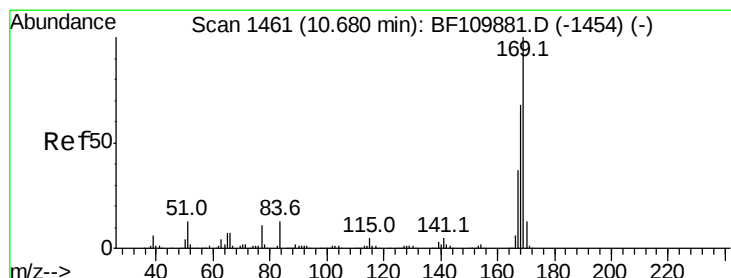
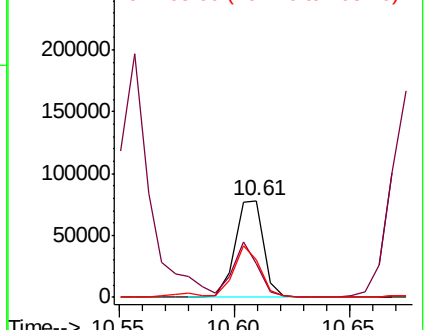
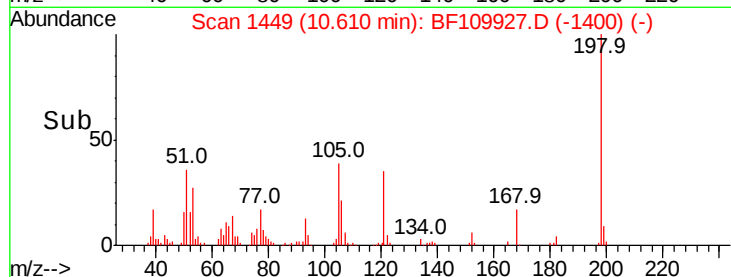
105 38.3 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 28.064 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

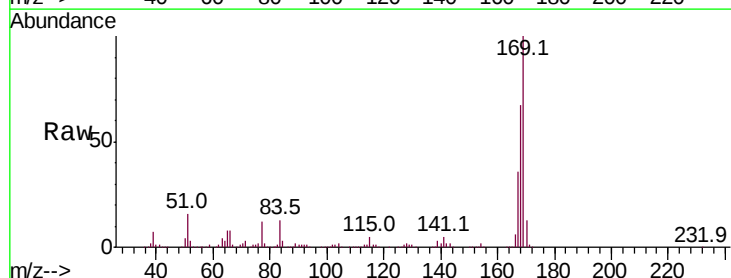
Tgt Ion:169 Resp: 888004

Ion	Ratio	Lower	Upper
169	100		
168	66.6	51.2	76.8
167	36.3	27.8	41.6

169 100

168 66.6 51.2 76.8

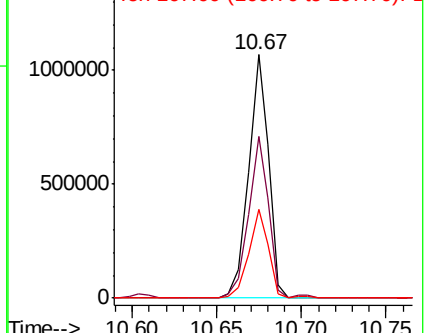
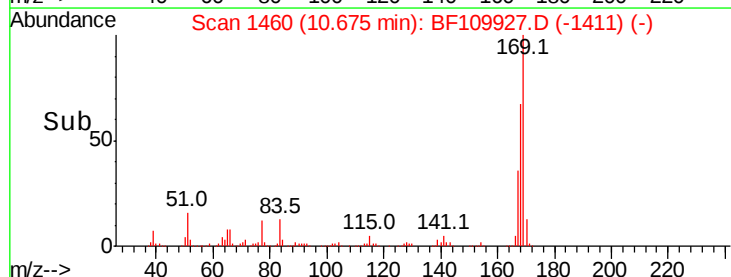
167 36.3 27.8 41.6

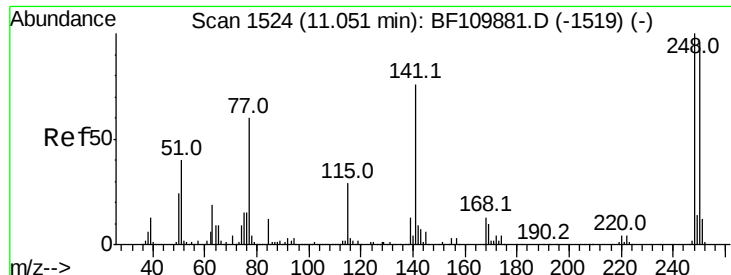


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

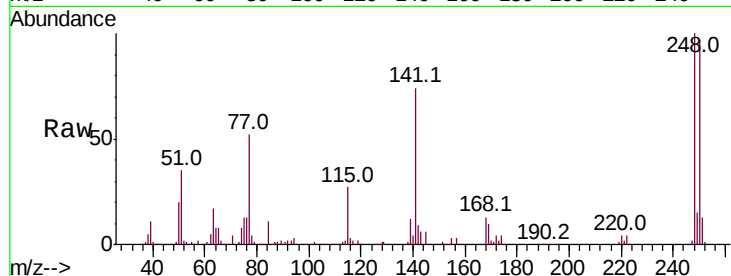




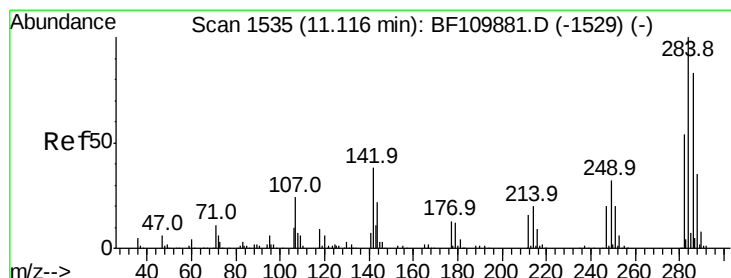
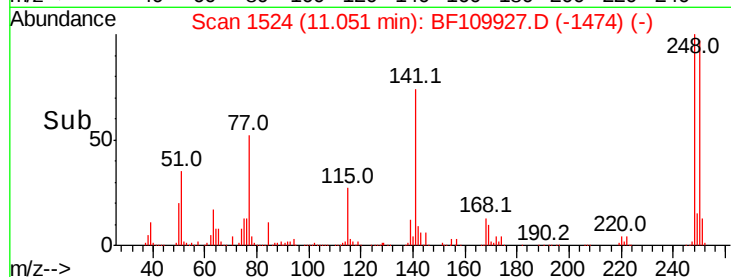
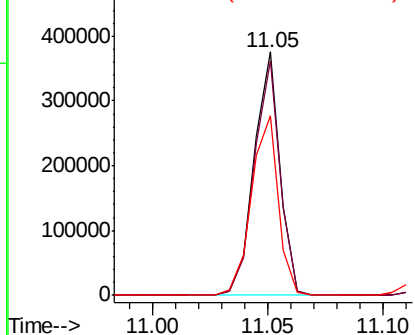
#67
4-Bromophenyl-phenylether
Concen: 28.594 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 294397
Ion Ratio Lower Upper
248 100
250 96.5 79.4 119.2
141 73.9 55.9 83.9

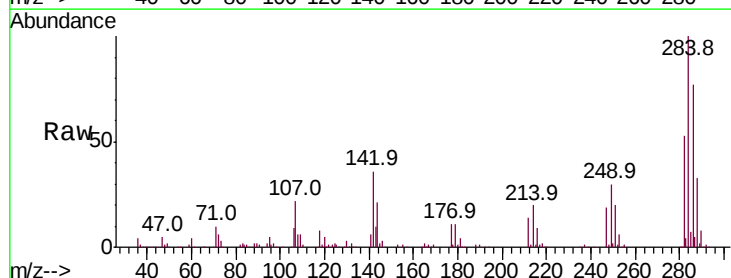


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

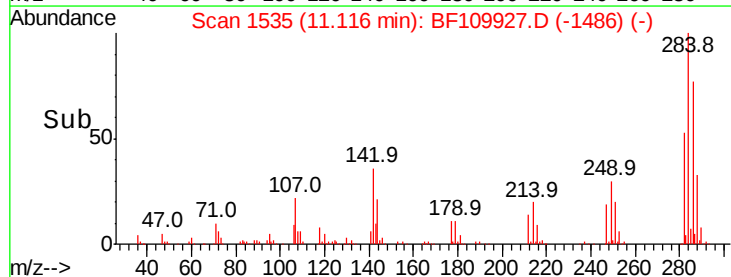
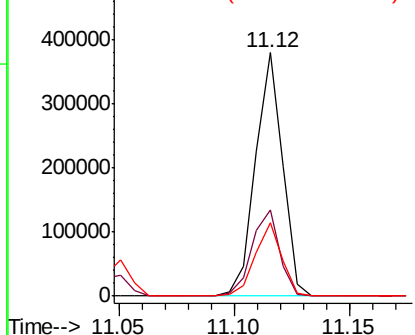


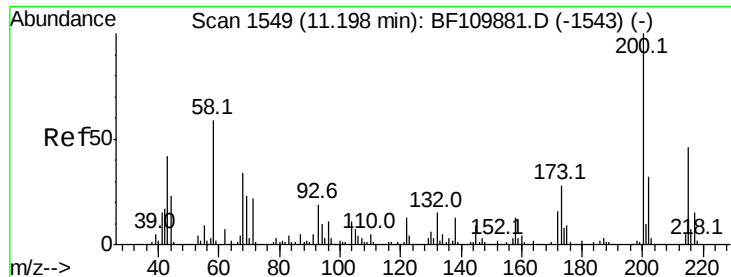
#68
Hexachlorobenzene
Concen: 28.294 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion:284 Resp: 310652
Ion Ratio Lower Upper
284 100
142 35.6 23.9 35.9
249 30.2 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

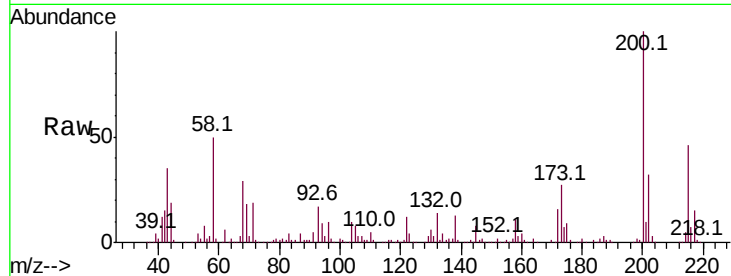




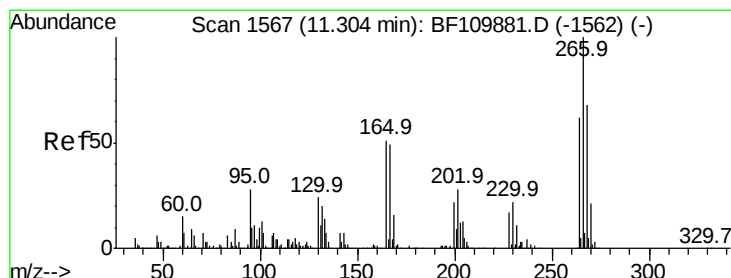
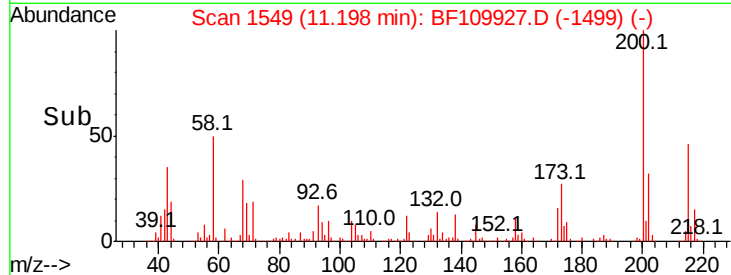
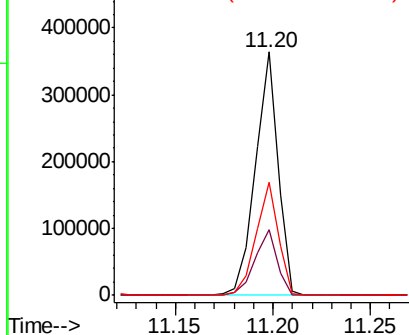
#69
Atrazine
Concen: 29.564 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.6	46.6
215	46.4	26.3	66.3

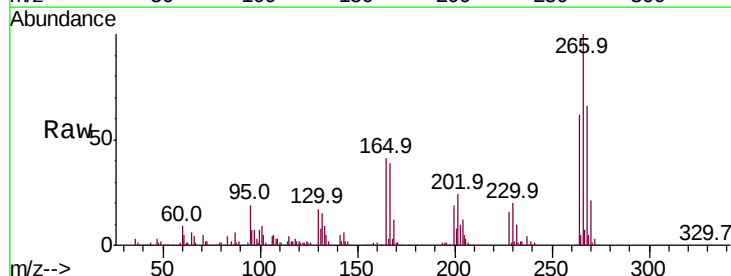


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

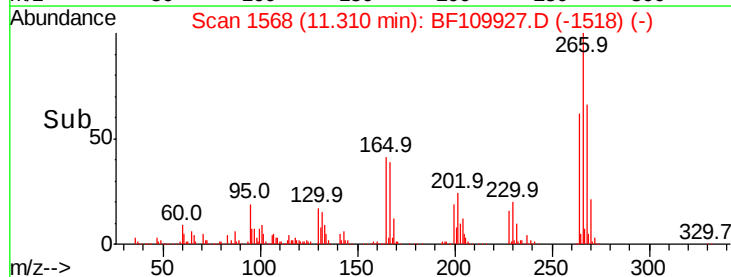
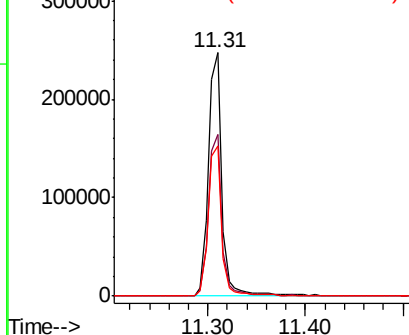


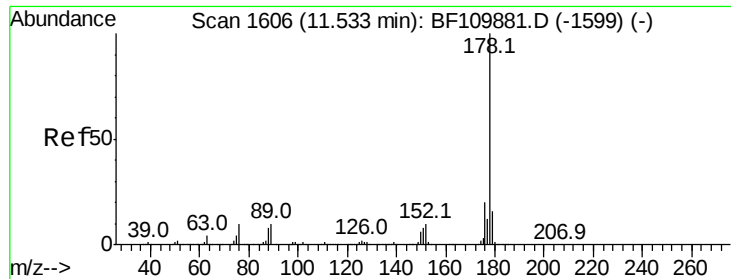
#70
Pentachlorophenol
Concen: 38.217 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	50.6	75.8
264	61.5	50.6	75.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 29.535 ng

RT: 11.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

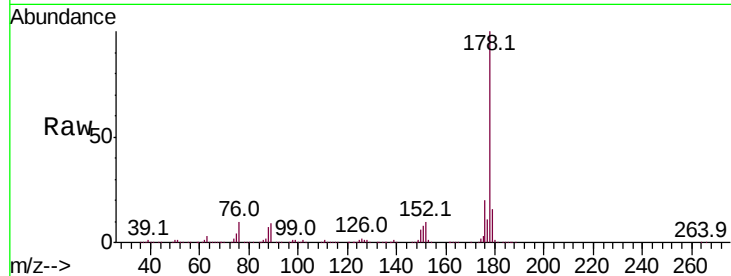
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1452641

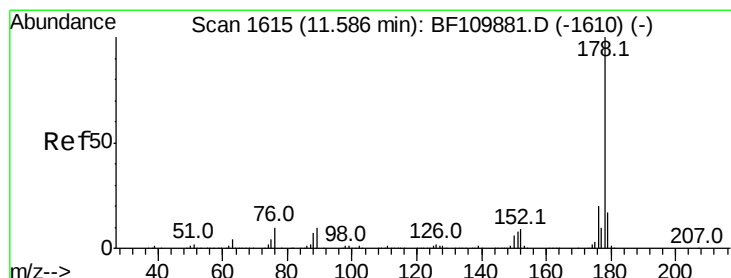
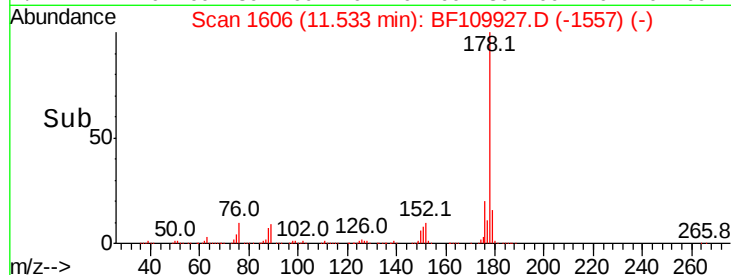
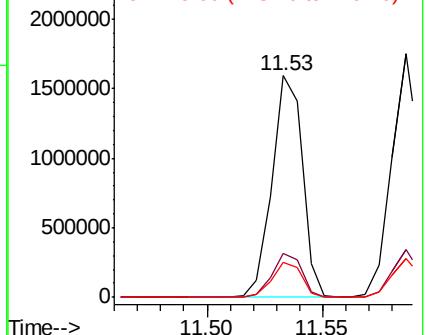
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	15.8	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 30.199 ng

RT: 11.59 min Scan# 1615

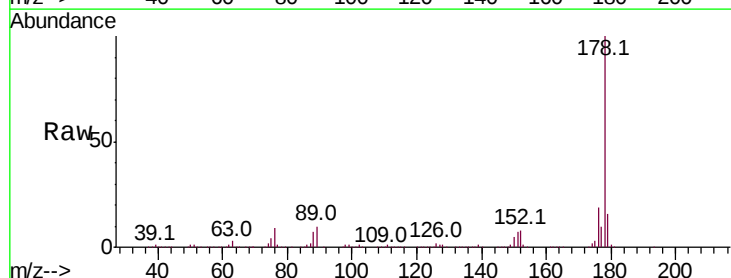
Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Tgt Ion:178 Resp: 1493279

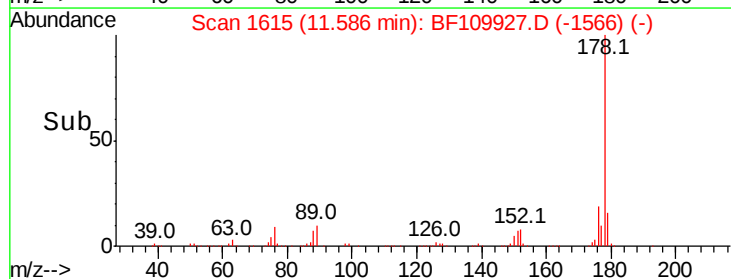
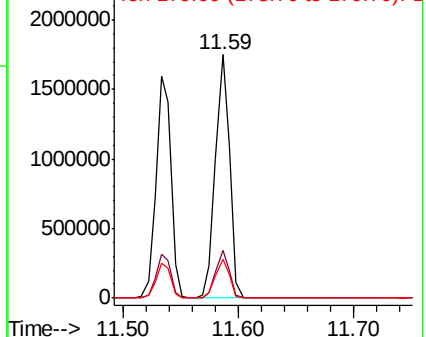
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.2	12.6	18.8

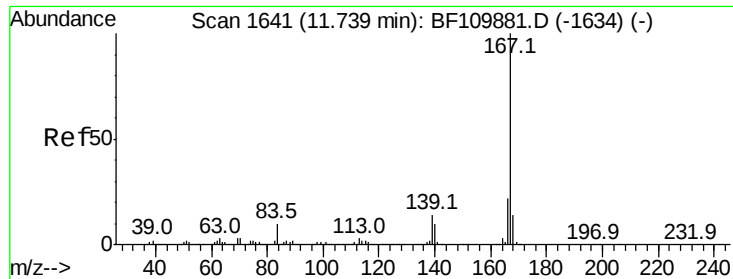


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



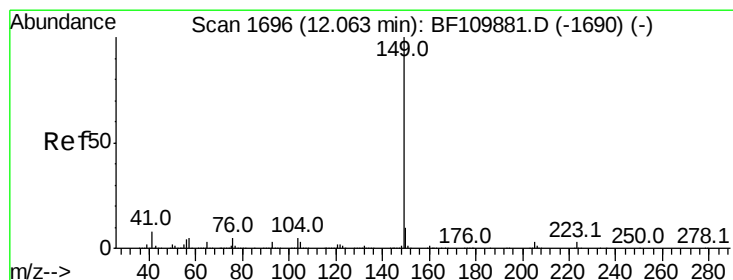
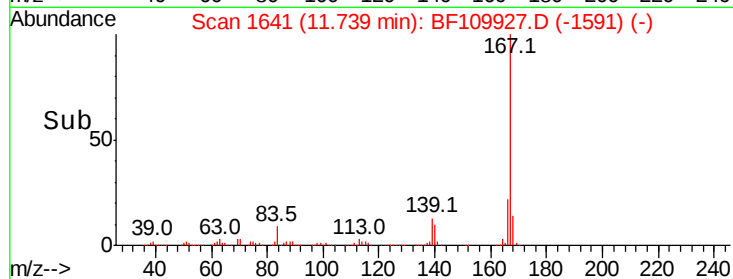
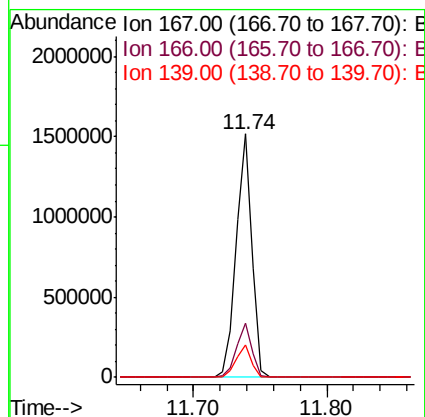
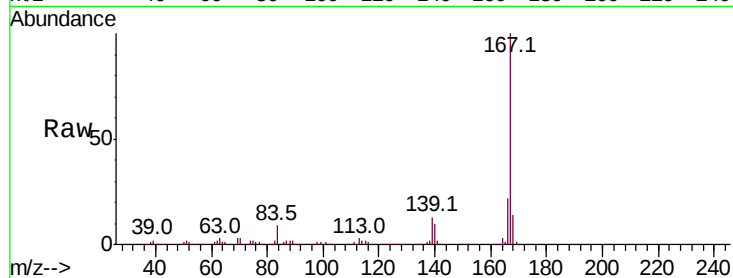


#73
 Carbazole
 Concen: 25.881 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1257729

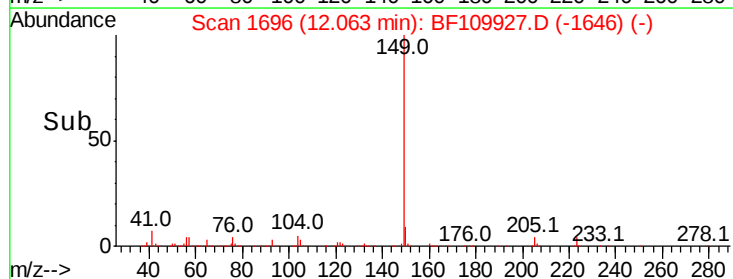
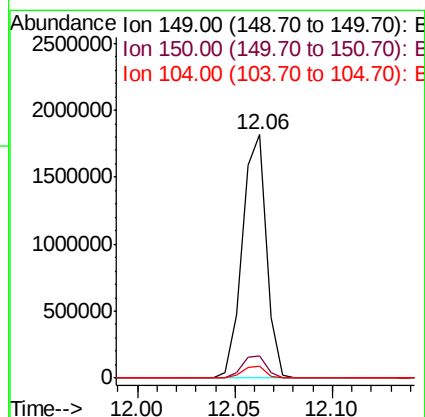
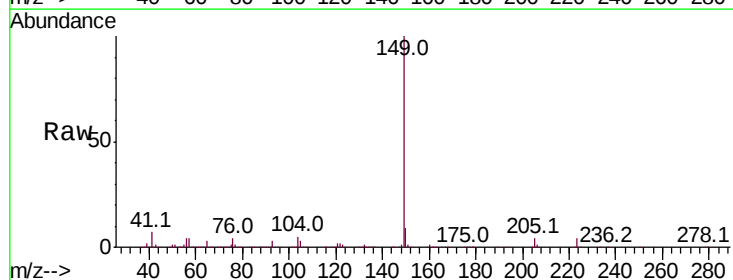
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.0
139	13.3	10.9	16.3

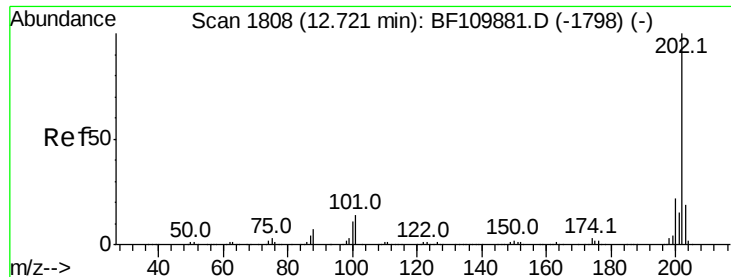


#74
 Di-n-butylphthalate
 Concen: 28.651 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Tgt Ion:149 Resp: 1553892

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.7	4.2	6.4

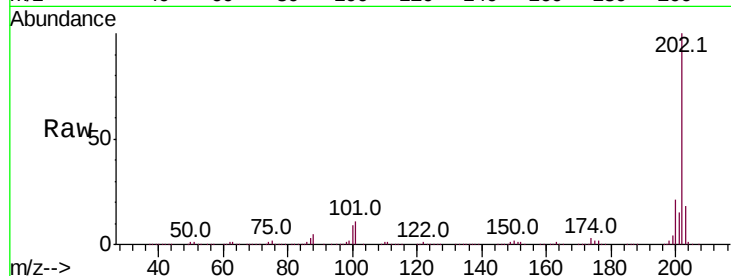




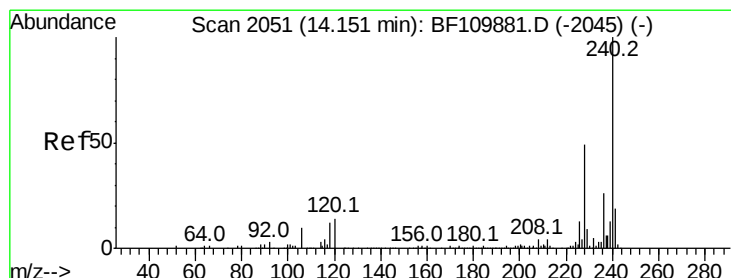
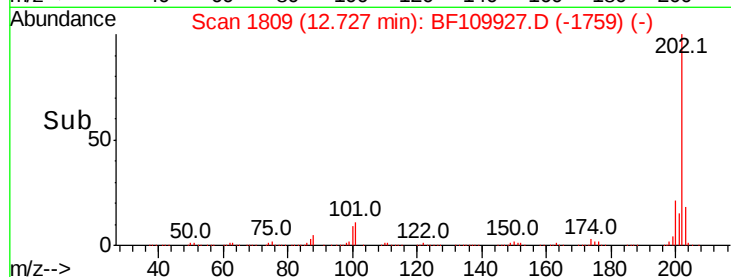
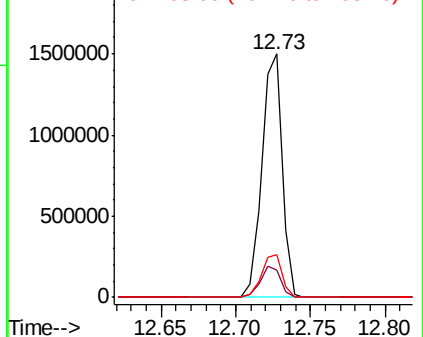
#75
 Fluoranthene
 Concen: 28.251 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1388091
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 31.4
 203 17.6 0.0 37.7

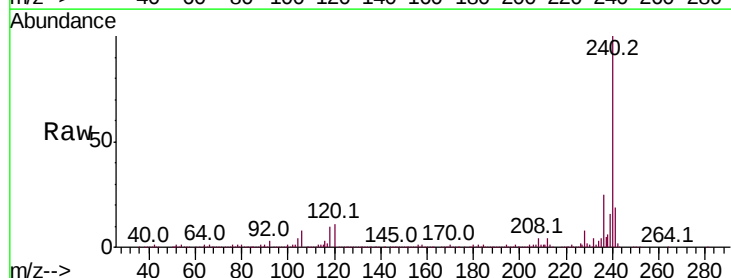


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

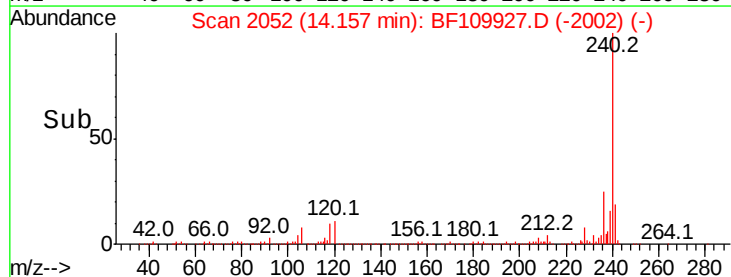
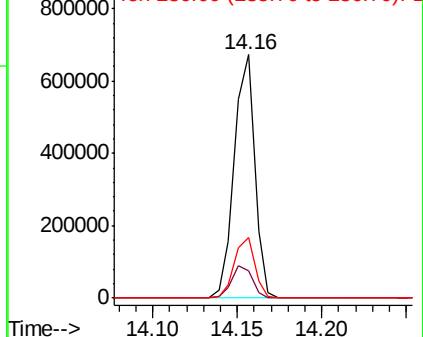


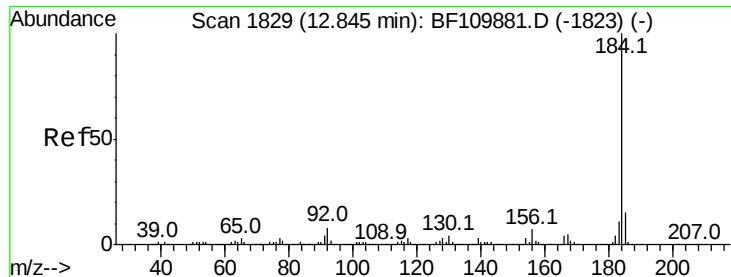
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Tgt Ion:240 Resp: 567770
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.3 12.5
 236 24.8 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.506 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

ClientSampleId :

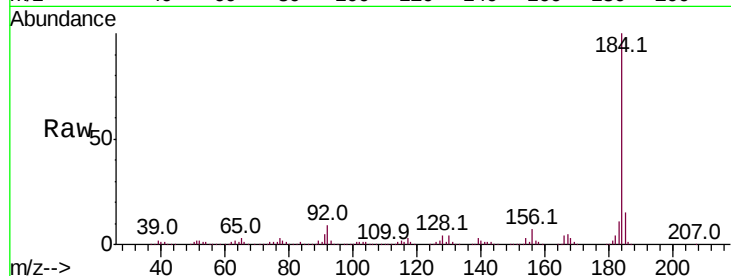
Tot Ion:184 Resp: 555244

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.2

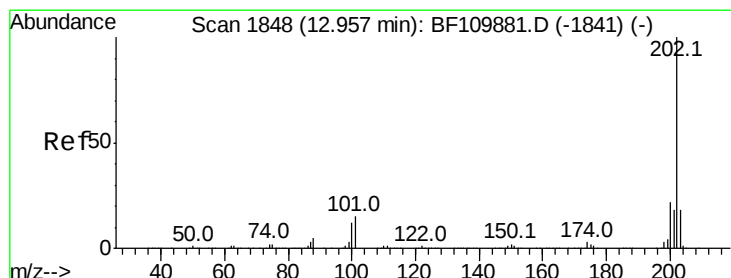
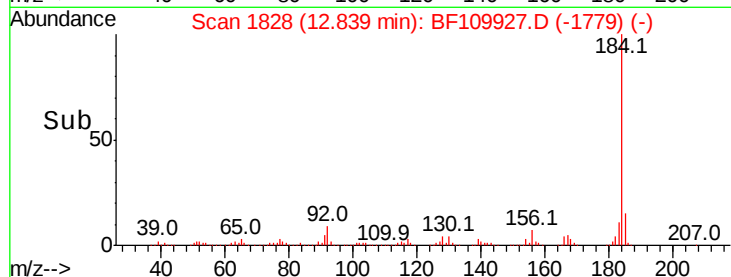
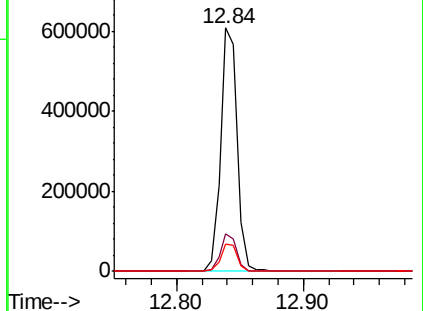
183 11.4 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 32.623 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

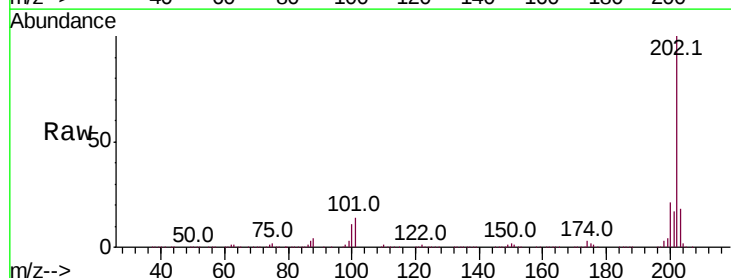
Tgt Ion:202 Resp: 1360399

Ion Ratio Lower Upper

202 100

200 21.4 17.8 26.6

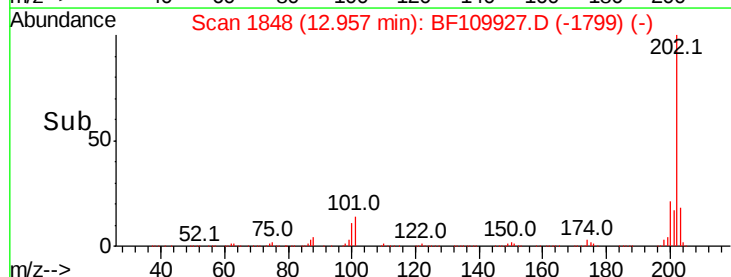
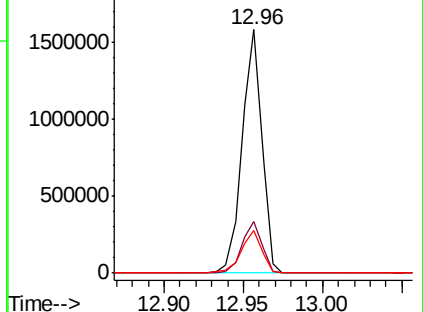
203 17.8 14.2 21.4

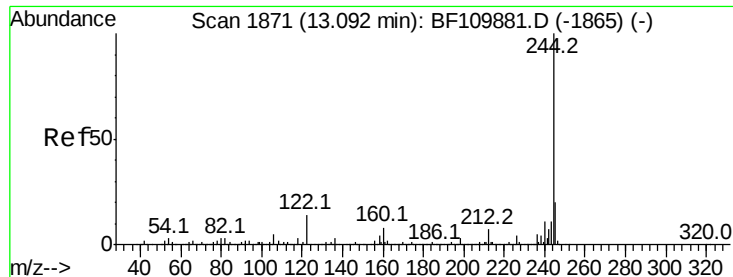


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



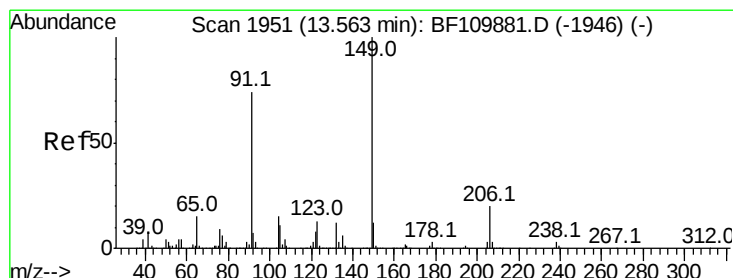
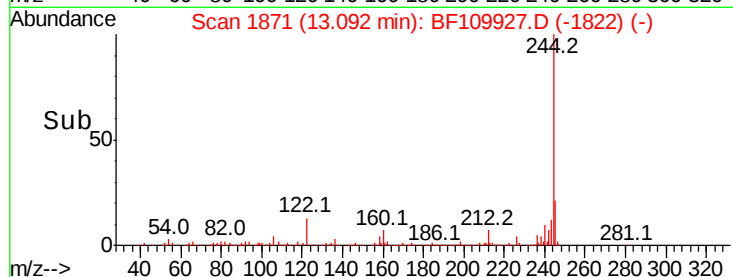
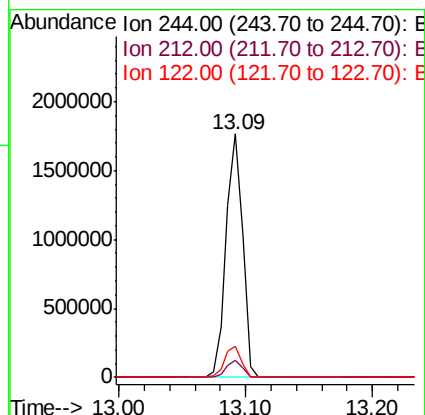
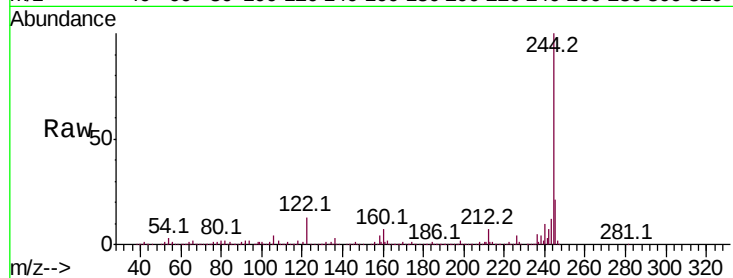


#79
 Terphenyl-d14
 Concen: 59.379 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1605461

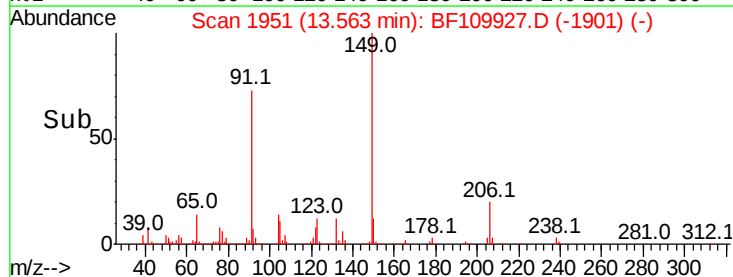
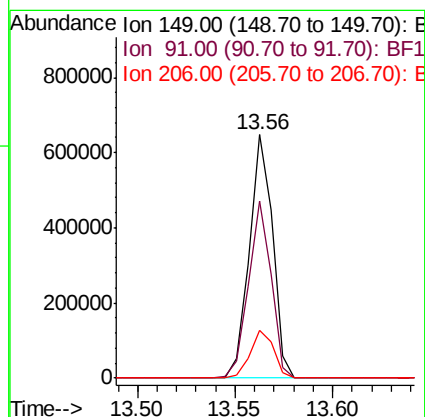
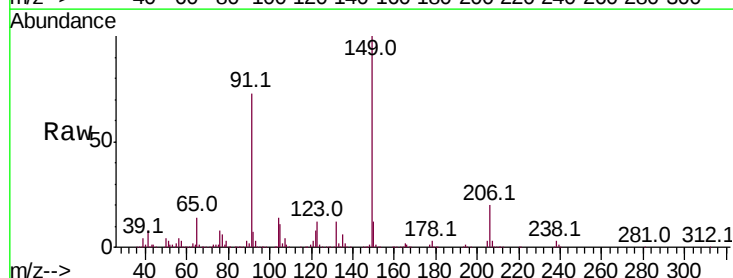
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.9	8.7	13.1

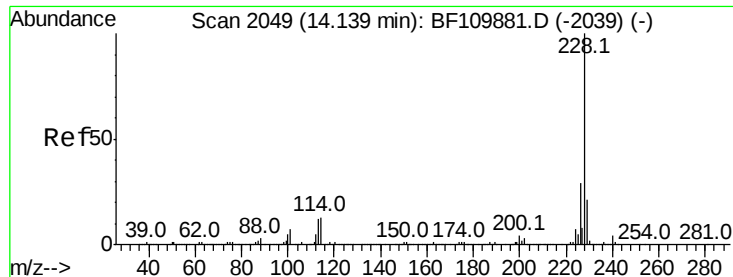


#80
 Butylbenzylphthalate
 Concen: 31.732 ng
 RT: 13.56 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BF109927.D
 Acq: 17 Oct 2018 18:33

Tgt Ion:149 Resp: 534973

Ion	Ratio	Lower	Upper
149	100		
91	72.6	57.2	85.8
206	19.8	15.7	23.5

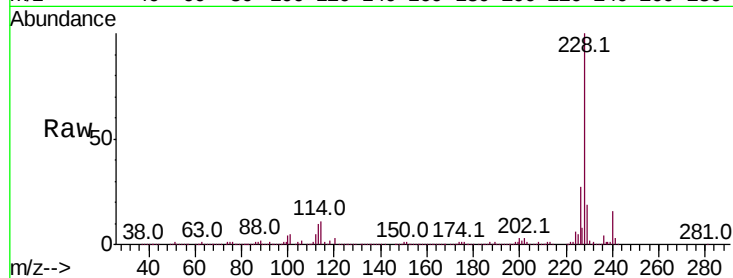




#81
Benzo(a)anthracene
Concen: 29.802 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.1	33.1
229	19.5	15.6	23.4

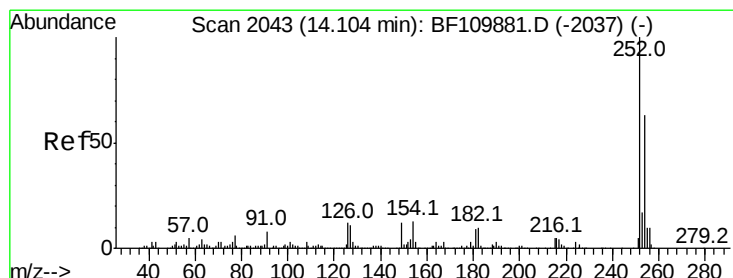
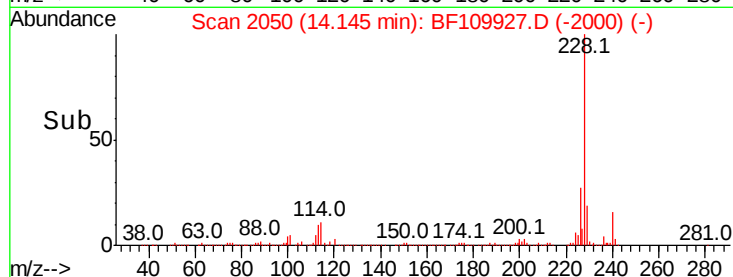
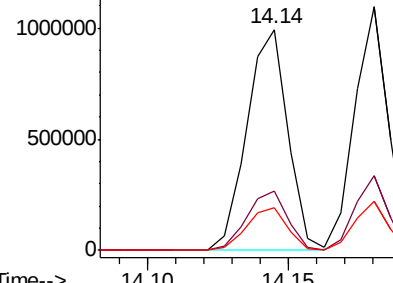


Abundance

Ion 228.00 (227.70 to 228.70): E

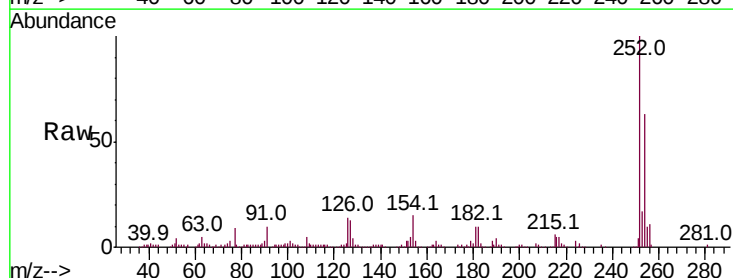
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 13.733 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.3	76.9
126	14.0	9.4	14.2

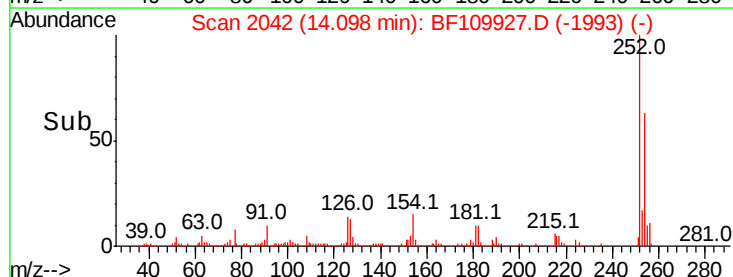
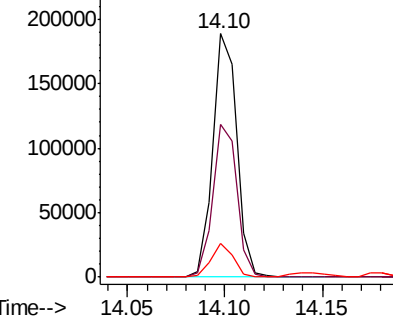


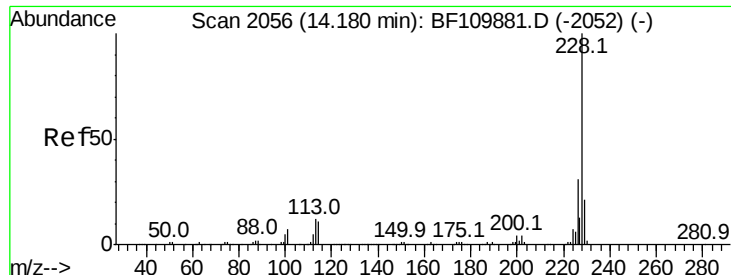
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 28.235 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

ClientSampled :

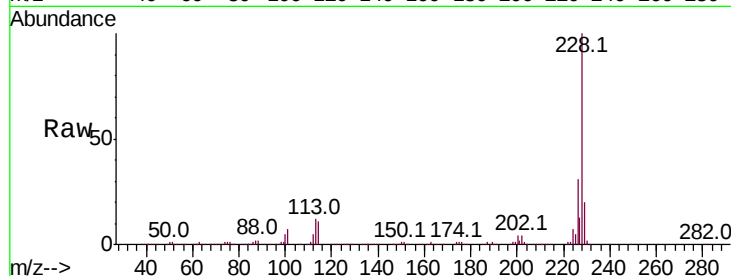
Tot Ion:228 Resp: 898792

Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

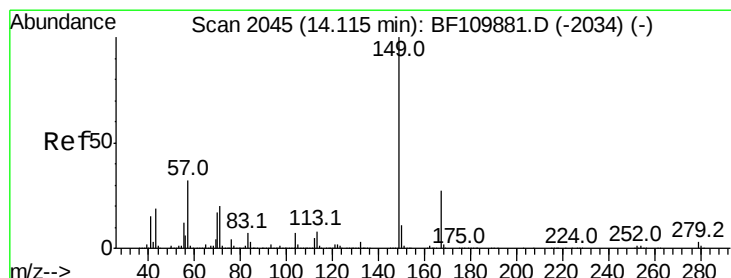
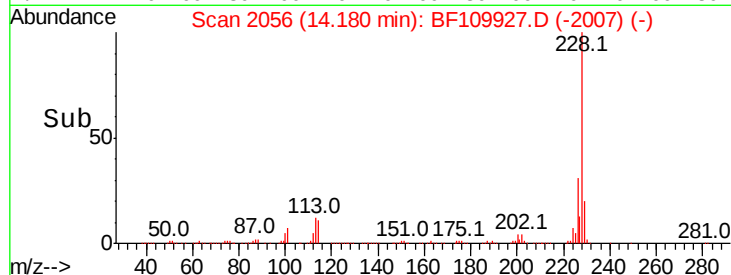
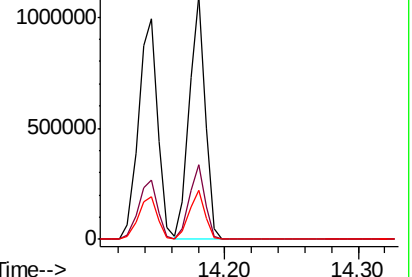
229 20.3 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 30.658 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

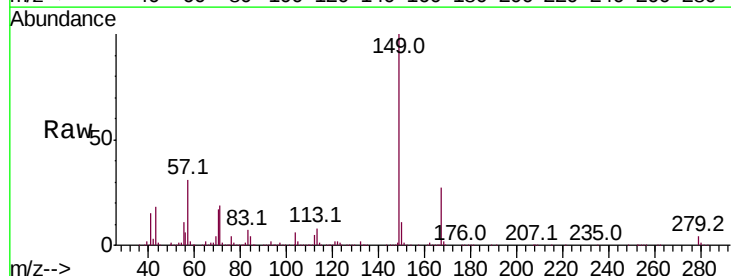
Tgt Ion:149 Resp: 680113

Ion Ratio Lower Upper

149 100

167 27.3 19.8 29.8

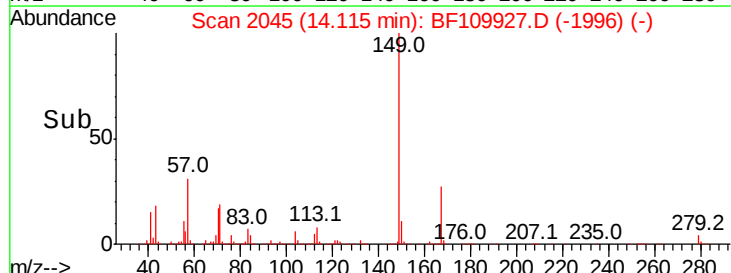
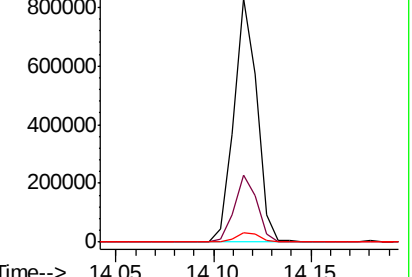
279 3.6 2.7 4.1

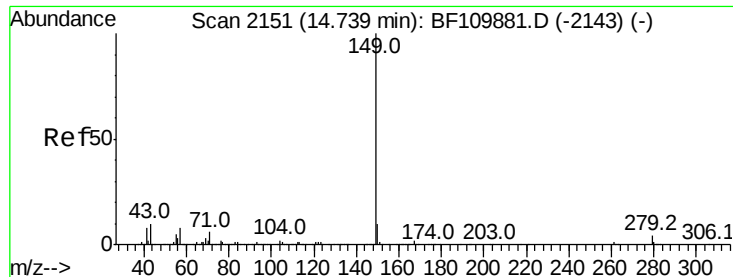


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 32.779 ng

RT: 14.74 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

Instrument :

BNA_F

ClientSampleId :

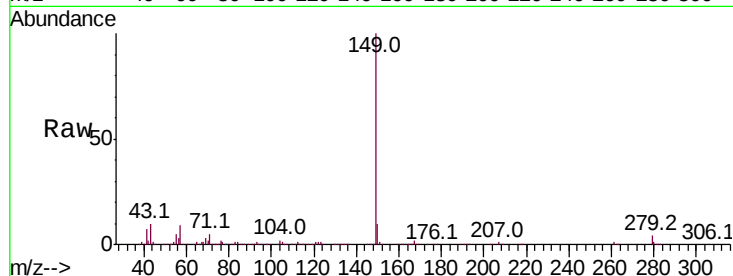
Tot Ion:149 Resp: 1025193

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

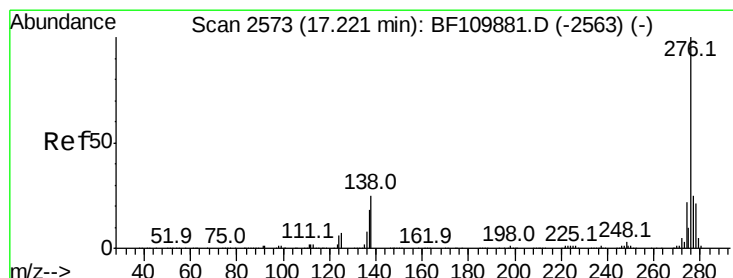
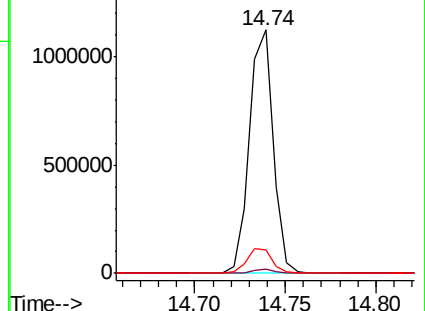
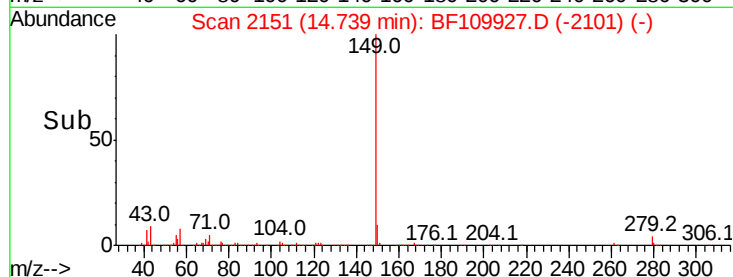
43 10.5 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.689 ng

RT: 17.24 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BF109927.D

Acq: 17 Oct 2018 18:33

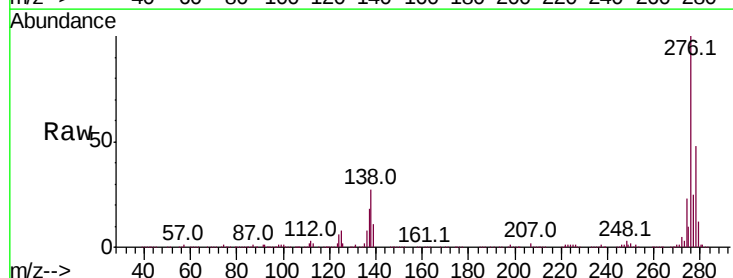
Tgt Ion:276 Resp: 1145394

Ion Ratio Lower Upper

276 100

138 29.1 18.5 27.7#

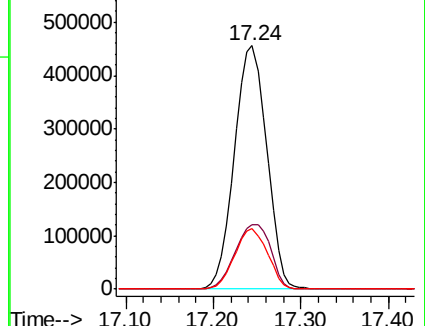
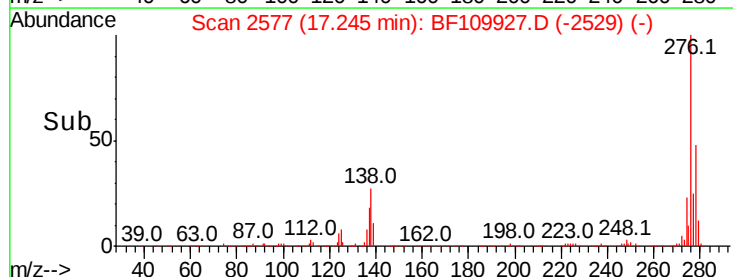
277 25.2 20.0 30.0

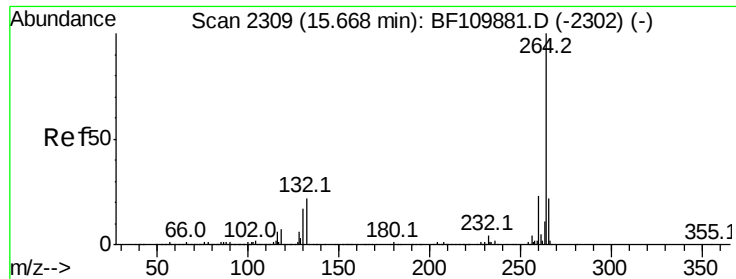


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



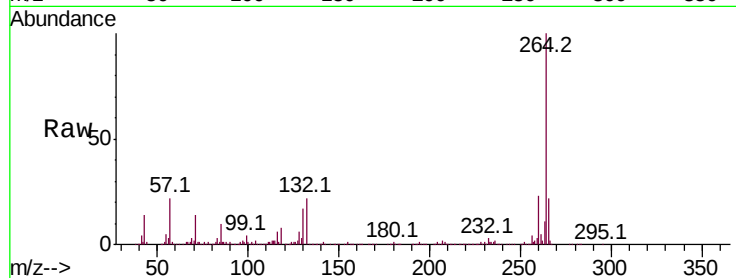


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

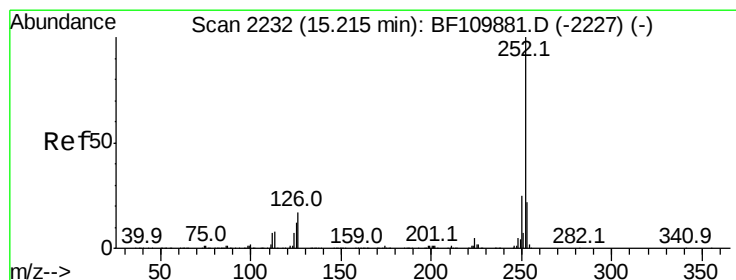
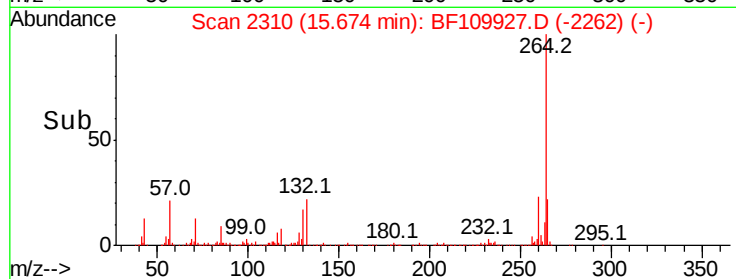
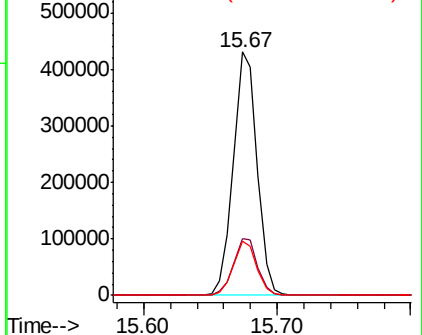
Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 537675

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.0	16.7	25.1



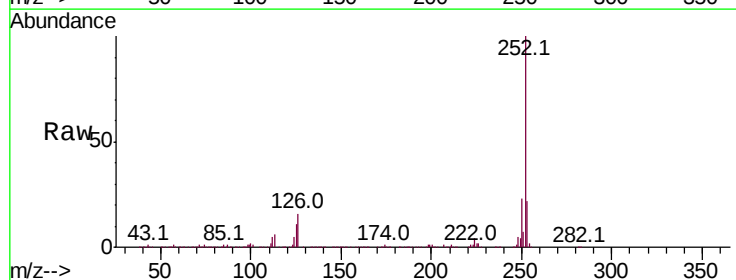
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



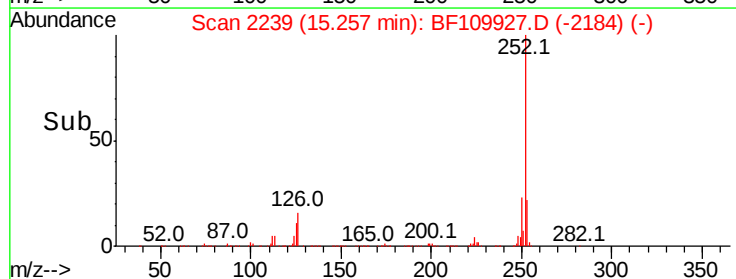
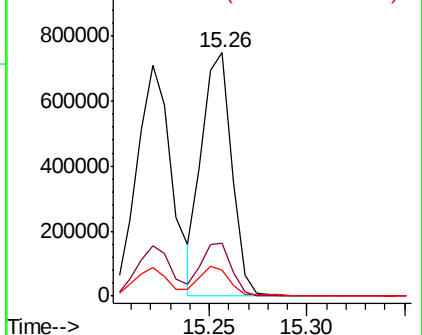
#88
Benzo(b)fluoranthene
Concen: 25.772 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.02 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

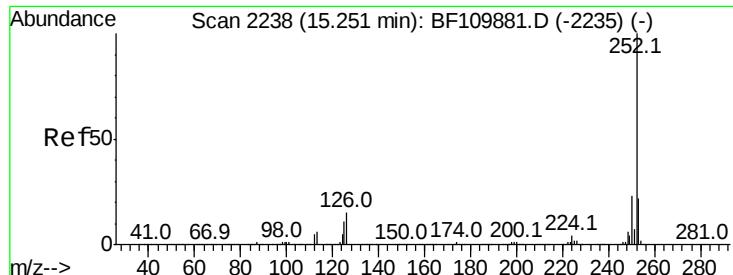
Tgt Ion:252 Resp: 798874

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	10.9	8.2	12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

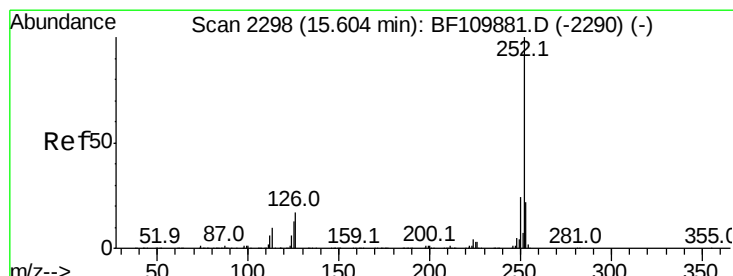
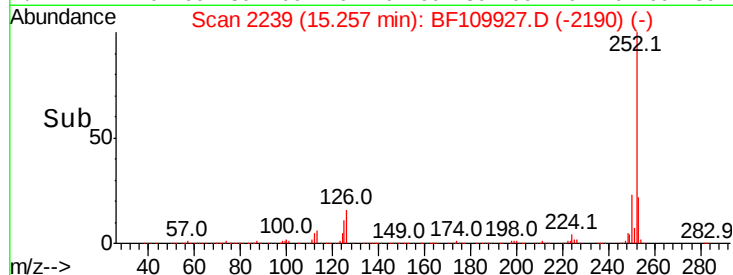
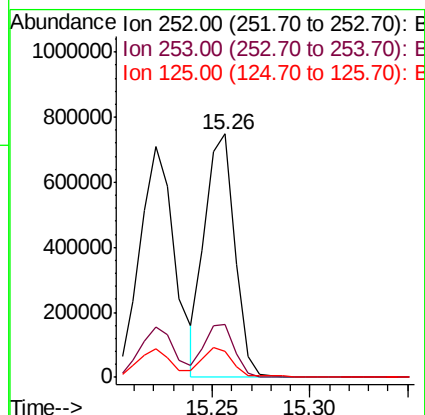
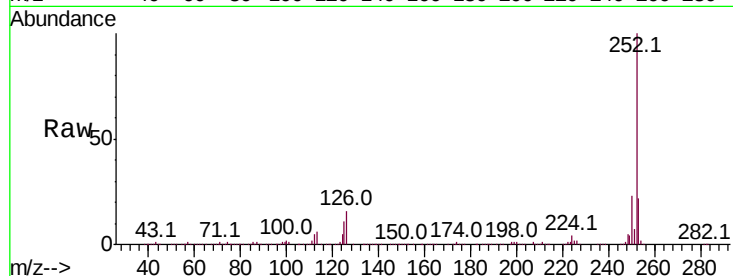




#89
Benzo(k)fluoranthene
Concen: 26.147 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

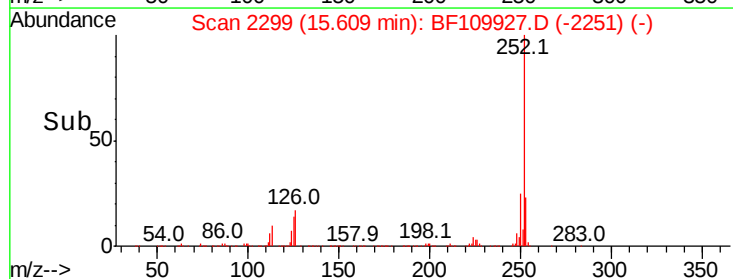
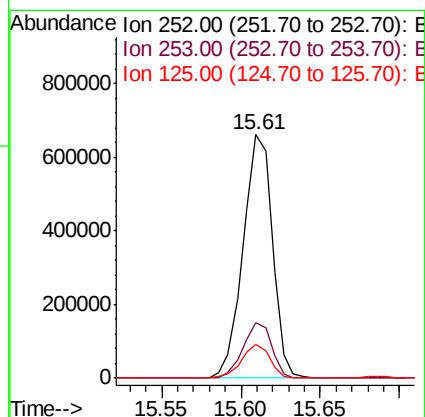
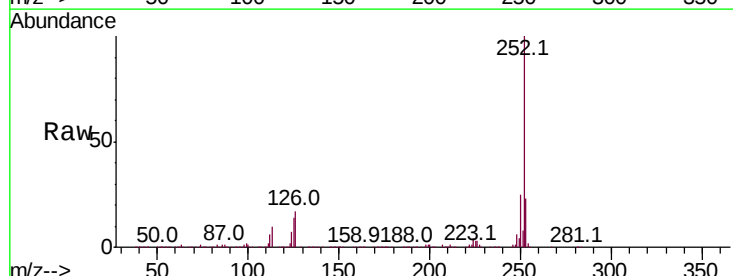
Instrument :
BNA_F
ClientSampleId :

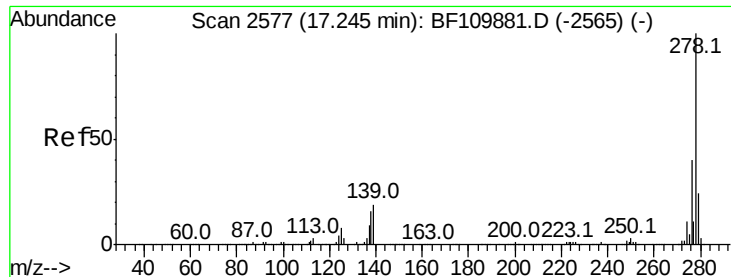
Tot Ion:252 Resp: 798874
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 10.9 7.4 11.0



#90
Benzo(a)pyrene
Concen: 29.771 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion:252 Resp: 848762
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 13.9 9.0 13.6#

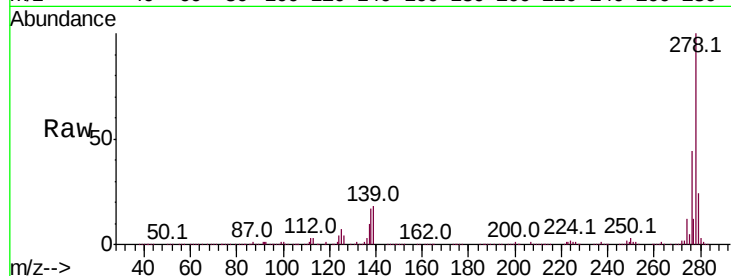




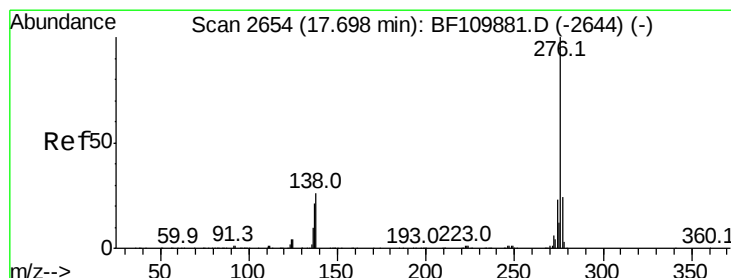
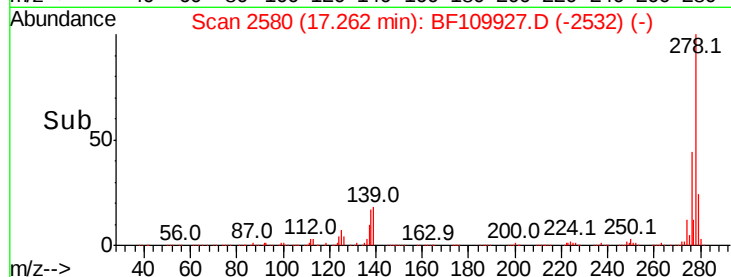
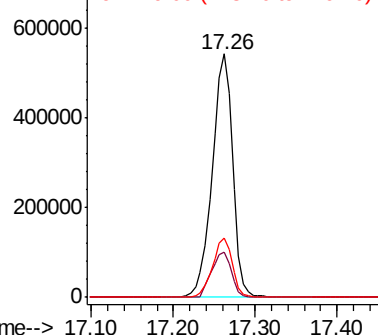
#91
Dibenzo(a,h)anthracene
Concen: 37.387 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.02 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 944612
Ion Ratio Lower Upper
278 100
139 18.3 12.7 19.1
279 24.1 19.0 28.4

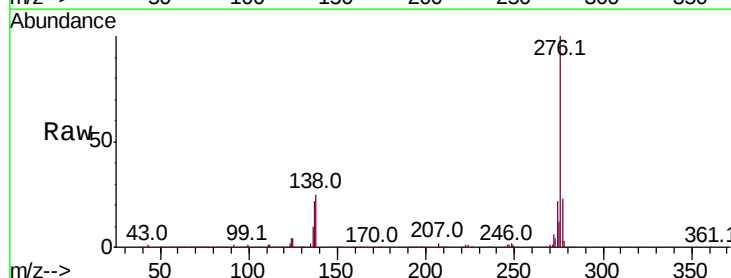


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 38.625 ng
RT: 17.72 min Scan# 2658
Delta R.T. -0.02 min
Lab File: BF109927.D
Acq: 17 Oct 2018 18:33

Tgt Ion:276 Resp: 986017
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 25.0 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

